ORDER NO. MKE0403002C1
B3

Service Manual

DVD / VCR DECK

PV-D4734S / PV-D4744 / PV-D4744S / PV-D4754S / PV-D4734S-K / PV-D4744S-K / PV-D4754S-K

For servicing the R4-Mechanism Chassis for PV-Model, Please refer to the R4-Mechanism-Chassis-for-PV-Model Service Manual (Order No. MKE0401000C1).

PbF
Solder Lead free

SPECIFICATIONS

ITEM		SPECIFICATION
VCR	Video	Head: 4 rotary heads helical scanning system
		Input Level: VIDEO IN Jack (Phono type) 1.0 Vp-p 75 Ω unbalanced Output Level: VIDEO OUT Jack (Phono type) 1.0 Vp-p 75 Ω unbalanced
	Audio	Head: Normal Mono: 1 stationary head Hi-Fi Stereo: 2 rotary heads
		Input Level: AUDIO IN Jack (Phono type) -10 dBv 50 kΩ unbalanced Output Level: AUDIO OUT Jack (Phono type) -8 dBv 1kΩ unbalanced
	Tuner	Broadcast Channels: VHF 2~13, UHF 14~69 CABLE Channels: Midband A through I (14~22) Superband J through W (23~36) Hyperband AA~EEE (37~64) Lowband A-5~A-1 (95~99) Special CABLE channel 5A (01) Ultraband 65~94, 100~125
	Tape Format	Tape width 12.7 mm (1/2 inch) high density tape
	RF Out	CH 3/CH 4 switchable 72 dBμ (open voltage) 75 Ω unbalanced
	Tape Speed	SP: 1-5/16 i.p.s (33.35 mm/s) SLP: 7/16 i.p.s (11.12 mm/s) Record/Playback Timer: 8 hr. with 160 min. type tape used in SLP mode
DVD	Discs Played	(1) DVD-VIDEO disc: DVD-AUDIO disc (PV-D4754S/PV-D4754S-K Only): 12 cm (5 inch) single-sided, single-layer 12 cm (5 inch) single-sided, double-layer 12 cm (5 inch) double-sided, double-layer (one layer per side) 8 cm (3 inch) single-sided, single-layer 8 cm (3 inch) single-sided, double-layer 8 cm (3 inch) double-sided, double-layer (one layer per side) DVD-RAM disc: 12 cm (5 inch) 9.4 GB (double-sided) and 4.7 GB (single-sided) 8 cm (3 inch) 2.8 GB (double-sided) (2) Compact disc (CD-DA) (CD-R/CD-RW, MP3, JPEG): (WMA (Except PV-D4734S-K/PV-D4744S-K)): 12 cm (5 inch) disc, 8 cm (3 inch) disc

ITEM		SPECIFICATION
DVD	Digital Audio Output	Digital optical connector
	DVD Video Output	S-VIDEO Output Jack (S4P) Component Video Output Jack (Phono type) Video Output Jack (Photo type)
	DVD Audio Output	Audio Output 1, 2 (L), (R) Jack (Phono type)
	Pickup	Wave length: 655 nm (DVD), 790 nm (Video CD/CD) Laser power: CLASS II
GENERAL	Power	Source: 120 V AC ± 12 V AC, 60 Hz ± 3 Hz
		Consumption: Approx. 28 W (Power on), Approx. 0.85 W (Power off)
	Television System	EIA Standard (525 lines, 60 fields) NTSC Color Signal
	Operating Condition	5 °C - 40 °C (41 °F - 104 °F) (Temperature) 10 % - 75 % (Humidity)
	Dimension (W x H x D)	430 mm x 95 mm x 273 mm (16-15/16 inch x 3-3/4 inch x 10-3/4 inch)
	Weight	3.85 kg (8.5 lbs.)
	Solder	This model uses lead free solder (PbF).

Weight and dimensions shown are approximate.
Designs and specifications are subject to change without notice.

Panasonic®

1. SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. IMPORTANT SAFETY NOTICE
There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Circuit Board Layout, Exploded Views and Replacement Parts List. It is essential that these criticalparts should be replaced with manufacturerís specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

2. An Isolation Transformer should always be used during the servicing of DVD VCR whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personalinjury from electrical shocks. It will also protect DVD VCR from being damaged by accidental shorting that may occur during servicing.

3. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.

4. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.

5. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

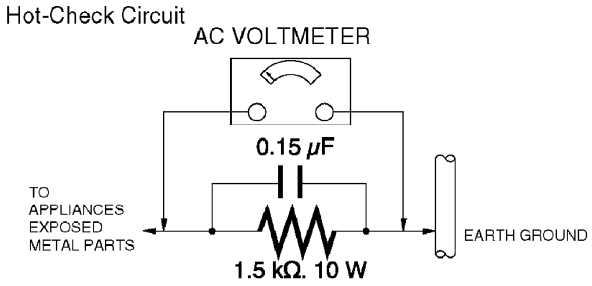
1. Unplug the AC cord and connect a jumper between the two prongs on the plug.

2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to thechassis, the reading should be between 1 MΩ and 5.2 MΩ. When the exposed metal does not have a return path to the chassis, the reading must be infinity.

LEAKAGE CURRENT HOT CHECK / (See Figure 1.)

1. **Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.**
2. **Connect a 1.5 k Ω , 10 W resistor, in parallel with a 0.15 μ F capacitor, between each exposed metallic part on the set and a good earth ground, as shown in Figure 1.**
3. **Use an AC voltmeter, with 1 k Ω /V or more sensitivity, to measure the potential across the resistor.**
4. **Check each exposed metallic part, and measure the voltage at each point.**
5. **Reverse the AC plug in the AC outlet and repeat each of the above measurements.**
6. **The potential at any point should not exceed 0.75 V RMS.**
   A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks. Leakage current must not exceed 1/2 mA. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, andthe equipment should be repaired and rechecked before it is returned to the customer.

Figure 1



1.1. LASER PRODUCT

CLASS I LASER PRODUCT

- This equipment is certified to comply with DHHS Rules 21 CFR Chapter 1, Subchapter J in effect as of date of manufacture. (Only for U.S.A.)

This equipment is classified as a Class I (Class 1) level LASER Product and there is no hazardous LASER radiation with the safety protection.

Caution:

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Danger:
The serviceman should not remove the cover of drive unit and should not service because the drive unit is a nonserviceable parts. Please check that the labels.

Never touch the internal parts in order to avoid EXPOSURE TO VISIBLE LASER RADIATION.
Unplug the AC power cord to the equipment when opening the top cover.
When the power switch is On, do not place your eyes close to the front panel opening door or the other openings to look into the interior unit.
LASER Specification
Class I level A LASER Product (Class 1 level A LASER Product)
Wave Length: 647 - 677 nm (at DVD)
775 - 815 nm (at CD)
Laser Power: No hazardous radiation is emitted with the safety protection.

1.2. PRECAUTION OF LASER DIODE

CAUTION:

This unit utilizes a class III a laser. Visible laser radiation is emitted from the optical pickup lens when the unit is turned on:

1. **Do not look directly into the pickup lens.**
2. **Do not use optical instruments to look at the pickup lens.**
3. **Do not adjust the preset variable resistor on the optical pickup.**
4. **Do not disassemble the optical pickup unit.**
5. **If the optical pickup is replaced, use the manufactures specified replacement pickup only.**
6. **Use of control or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.**

2. PREVENTION OF ELECTRO-STATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits, some field-effect transistorsand semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. **Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a**

commercially available discharging ESD wrist strap, whichshould remove electrostatic charge for potential shock reasons prior to applying power to the unit under test.

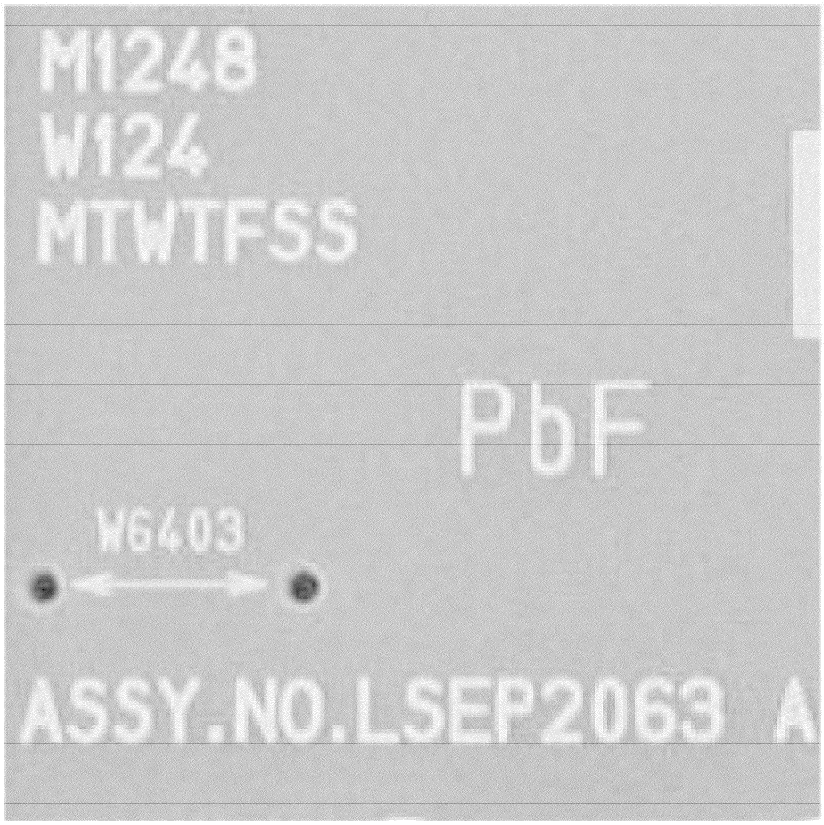
2. **After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.**
3. **Use only a grounded-tip soldering iron to solder or unsolder ES devices.**
4. **Use only an antistatic solder removal device. Some solder removal devices not classified as "antistatic (ESD protected)" can generate electrical charge sufficient to damage ES devices.**
5. **Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.**
6. **Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparableconductive material).**
7. **Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.**
   CAUTION:
   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. **Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD)sufficient to damage an ES device).**

“NOTE toCATV system installer:
This reminder is provided to call the CATV system installerís attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding systemof the building, as close to the point of cable entry as practical.”

3. ABOUT LEAD FREE SOLDER (PbF)

Distinction of PbF PCB:
PCBs (manufactured) using lead free solder will have a printing on the PCB.

(Please refer to figures.)



Printed case

CAUTION:

- Pb free solder has a higher melting point than standard solder;
Typically the melting point is 50°F - 70°F (30°C - 40°C) higher.
Please use a soldering iron with temperature control and adjust it to 700°F ± 20°F (370°C ± 10°C).
In case of using high temperature soldering iron, please be carefull not to heat too long.

- Pb free solder will tend to splash when heated too high (about 1100°F/ 600°C).

- All products with the printed circuit board with printing must be serviced with lead free solder.
When soldering or unsoldering, completely remove all of the solder from the pins or solder area, and be sure to heat the soldering points with the lead free solder until it melts sufficiently.

Recommendations
Recommended lead free solder composition is Sn96.5 Ag3.0 Cu0.5.

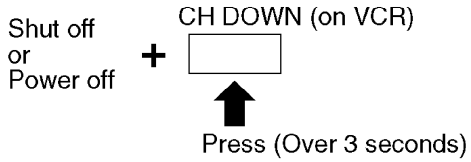
4. SERVICE NOTES (PLEASE READ)

4.1. SELF-DIAGNOSIS INDICATION DISPLAY

This VCR has a self-diagnosis and display function.

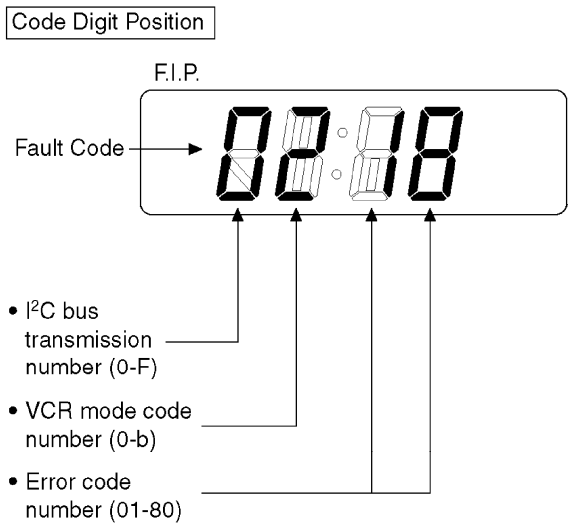
1. Keep pressing CH DOWN Button on VCR for over 3 seconds in Power off condition, or keep pressing CH DOWN button on VCR in Shut off condition.

Fig. 1-1



2. Fault code (4-digit number) will be displayed in F.I.P. as shown.

Fig. 1-2



4.1.1. Explanation of I 2 C bus transmission number

The condition of I2C bus transmission befor shut off is displayed.

Fig. 1-3

Condition of I²C bus transmission (IC6001↔Tuner)	Condition of I²C bus transmission (IC6001↔IC6004)	Condition of I²C bus transmission (IC6001↔IC3001)	Condition of I²C bus transmission (IC6001↔IC4201)	Code No.
OK	OK	OK	OK	0
			NG	1
		NG	OK	2
			NG	3
	NG	OK	OK	4
			NG	5
		NG	OK	6
			NG	7
NG	OK	OK	OK	8
			NG	9
		NG	OK	A
			NG	b
	NG	OK	OK	C
			NG	d
		NG	OK	E
			NG	F

4.1.2. Explanation of VCR mode code number

The condition of VCR Mode before shut off is displayed.

Fig. 1-4

VCR Mode	Code No.	VCR Mode	Code No.
STOP	0	PLAY	8
EJECT	1	STILL	9
REW	2	REC	A
FF	3	REC PAUSE	b
REV	4		
CUE	5		
SLOW	6		
POWER OFF	7		

4.1.3. Explanation of Error code number

The detecting condition and movement of mechanism is displayed.

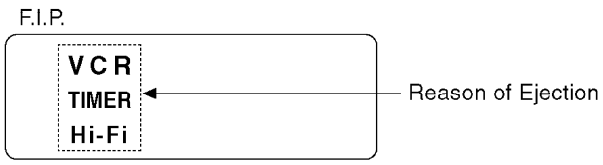
Fig. 1-5

Indication	Error condition	Remedy/Check
01	CYL PFG pulse can not be detected when the Cylinder starts.	Please check the Cylinder motor, Cylinder drive circuit and CYL PFG signal circuit.
02	CAP FG pulse can not be detected during the Mechanism Initial operation (Tape rewinding by the S-Reel) at DOWN position.	Please check the Capstan motor, Capstan drive circuit and CAP FG signal circuit.
03	Loading Lock during Loading operation at DOWN position.	Please check the Mechanism, Loading Motor, Drive circuit, Drive control signal circuit, Mode Select SW and the Mode Select SW input signal circuit.
04	Loading Lock during Unloading operation at DOWN position.	Please check the Mechanism, Loading Motor, Loading Motor drive circuit, Loading motor drive control signal circuit, Mode Select SW and the Mode Select SW input signal circuit.
05	S-reel pulse can not be detected during Unloading operation.	Please check the Mechanism S-reel system, S-reel sensor, S-reel sensor input signal circuit, Capstan motor, Capstan motor drive circuit, Capstan control signal circuit, and so on.
06	Loading (cassette) Lock during Cassette Up operation.	Please check the Mechanism, Loading motor, Loading motor drive circuit, Loading motor drive control signal circuit, Mode Select SW and the Mode Select SW input signal circuit.
11	Head clog detection.	Clean the Cylinder Head.
14	The position signal from Mode Select SW can not be detected.	Check Mode Select SW contact.
15	CAP FG pulse can not be detected during Cassette in operation.	Please check the Capstan motor, Capstan motor drive circuit and the CAP FG signal circuit.
16	Cylinder Lock	Please check the Cylinder motor, Cylinder motor drive circuit and the CYL HSW signal circuit.
17	S-reel Lock.	Please check Mechanism S-reel system, S-reel sensor, S-reel sensor input signal circuit, Capstan motor, Capstan motor drive circuit, Capstan control signal circuit, and so on.
18	T-reel Lock.	Please check Mechanism T-reel system, T-reel sensor, T-reel sensor input signal circuit, Capstan motor, Capstan motor drive circuit, Capstan control signal circuit, and so on.
80	Eject operation due to error condition.	Please check the Cassette tape, S-photo sensor, S-reel and Capstan system.

4.1.3.1. Reason of Ejection

When an error code is 80, the reason of ejection is displayed on the F.I.P. of "TIMER", "VCR" and "HiFi".

Fig. 1-6



Note:
The location of above indications is different for each type of F.I.P..

Fig. 1-7

F.I.P.	Reason of Eject (Error condition)
No Light up	No tape at loading position. (Miss catching the tape by loading post.)
TIMER lighting	Short rewind before loading starts can not be done due to error of S-photo sensor, S-reel, Capstan System.
HiFi lighting	Both ends of tape is detected at down position.

4.1.4. Memory and Clear of Fault Code

- Error code is memorized on EEPROM (IC6004) (latest Error code only).

- Error code is cleared by power on operation after a self-diagnostic display or Memory all clear.

4.2. SERVICE NOTES

4.2.1. DVD SERVICE MODE

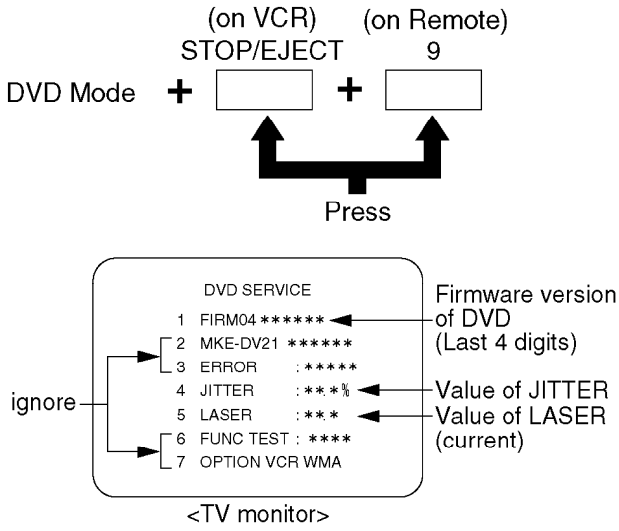
4.2.1.1. How to enter DVD Service Mode

1. Connect a TV Monitor.

2. Set the unit to DVD mode.

3. Press STOP/EJECT button on the VCR and 9 key on the remote controller together with no cassette inserted.
The unit will enter the DVD Service Mode.

Fig. 2-1-1



4. To confirm the value of JITTER and the value of LASER (current), insert the DVD Test Disc into the DVD Unit.

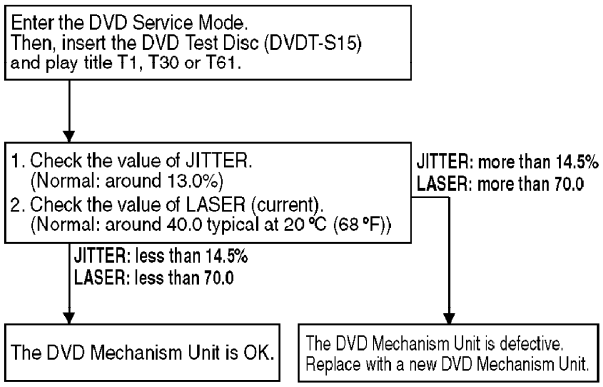
5. To release from this mode, turn off the power.

4.2.1.2. Troubleshooting hint (standard) for this mode

It can be determine if the DVD Mechanism Unit is defective by checking the value of JITTER and the

value of LASER (current).

Fig. 2-1-2


Enter the DVD Service Mode.
Then, insert the DVD Test Disc (DVDT-S15)
and play title T1, T30 or T61.
1. Check the value of JITTER.
(Normal: around 13.0%)
2. Check the value of LASER (current).
(Normal: around 40.0 typical at 20 °C (68 °F))
JITTER: more than 14.5%
LASER: more than 70.0
JITTER: less than 14.5%
LASER: less than 70.0
The DVD Mechanism Unit is OK.
The DVD Mechanism Unit is defective.
Replace with a new DVD Mechanism Unit.

4.2.2. USAGE SCREEN MODE

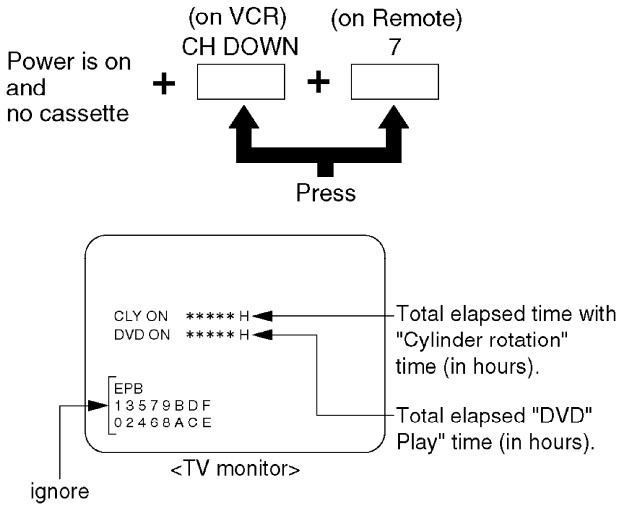
Function displayed on the TV monitor:

- the total elapsed “Cylinder rotation” time (in hours)

- the total elapsed “DVD Play” time (in hours)

1. With power turned on and no cassette, press CH DOWN button on VCR and 7 key on remote controller together.
(The USAGE SCREEN will be displayed on the TV Monitor.)

Fig. 2-2



Note:

1. After replacing the Cylinder Unit, press COUNTER RESET button on remote controller in this mode. Total elapsed “Cylinder rotation” time (in hours) will be cleared to 0.

2. After replacing the DVD Mechanism Unit, press ADD/DLT button on remote controller in this mode. Total elapsed “DVD Play” time (in hours) will be cleared to 0.

3. To release from Usage Screen Mode, press any operation button on

remote controller or insert a cassette tape in this mode. The VCR will return to normal operation mode.

4.2.3. EEPROM IC (IC6004), MAIN C.B.A. REPLACEMENT NOTE

After replacing EEPROM IC (IC6004) or Main C.B.A., be sure to perform the "PG SHIFTER ADJUSTMENT".

NOTE:
Refer to Service Manual for R4-Mechanism Chassis for PV-Model (Order No. MKE0401000C1).

4.2.4. GROUNDING FOR ELECTROSTATIC BREAKDOWN

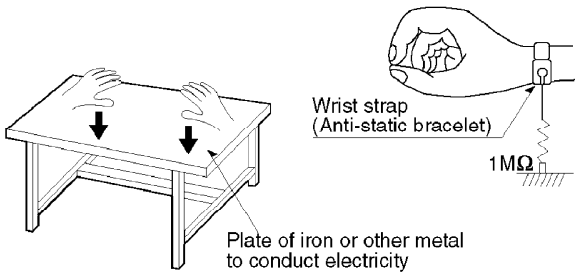
Prevention

1. **Human body grounding**
   Use the antistatic wrist strap to discharge the static electricity from your body.
2. **Work table grounding**
   Put a conductive material (sheet) or steel sheet on the area where the optical pickup is placed and ground the sheet.

Caution:

The static electricity of your clothes will not be groundedthrough the wrist strap. So take care not to let your clothestouch the optical pickup.

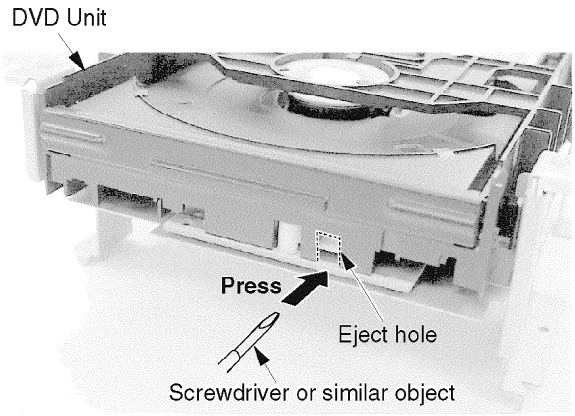
Fig. 2-3



4.2.5. METHOD FOR EJECTING THE DVD TRAY MANUALLY

1. **Insert a Screwdriver or similar object into the Eject hole.**
2. **Press it gently, and then pull the Tray fully out.**

Fig. 2-4



4.2.6. SERVICE POSITION

4.2.6.1. Service Position

Service Position	Purpose
Service Position (1)	Mechanism check Mechanical adjustment Electrical adjustment
Service Position (2)	Main C.B.A. check
Service Position (3)	DVD Main C.B.A. check

CAUTION:

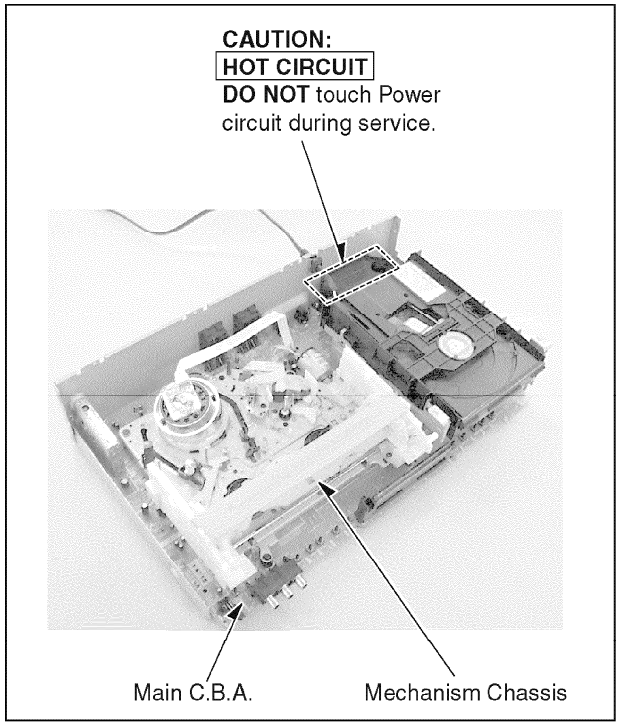
HOT CIRCUIT (Primary circuit) exists on the Main C.B.A. Use extreme care to prevent accidental shock when servicing.

NOTE:

When carring out loading of the cassette tape, if light is strong, a tape may not carry out loading. Please shade a Mechanism Unit top or weaken lighting.

4.2.6.1.1. Service Position (1)

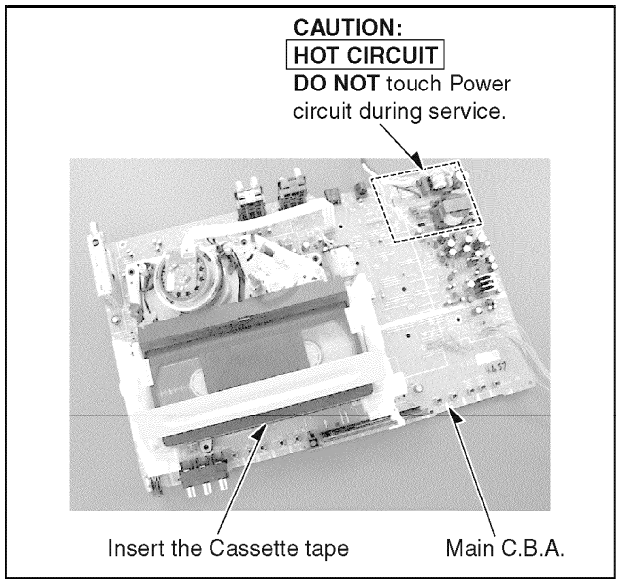
Fig. 3-1



4.2.6.1.2. Service Position (2)

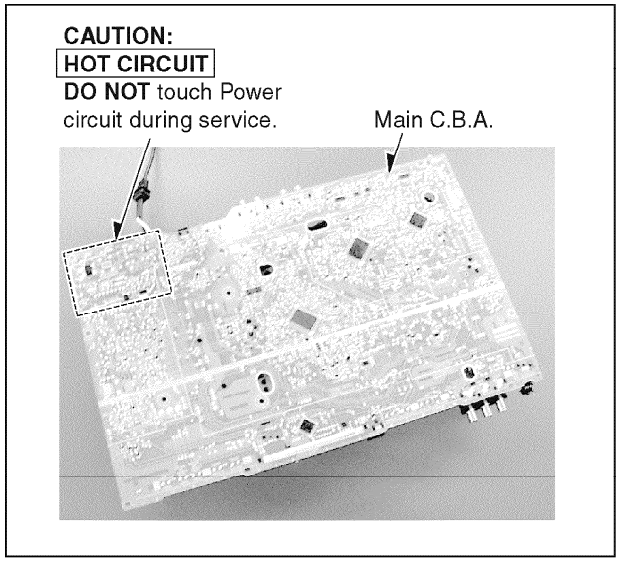
Turn on the power and insert the Cassette tape.

Fig. 3-2-1



After disconnecting the AC cord, turn over the Main C.B.A. and Mechanism Chassis together.

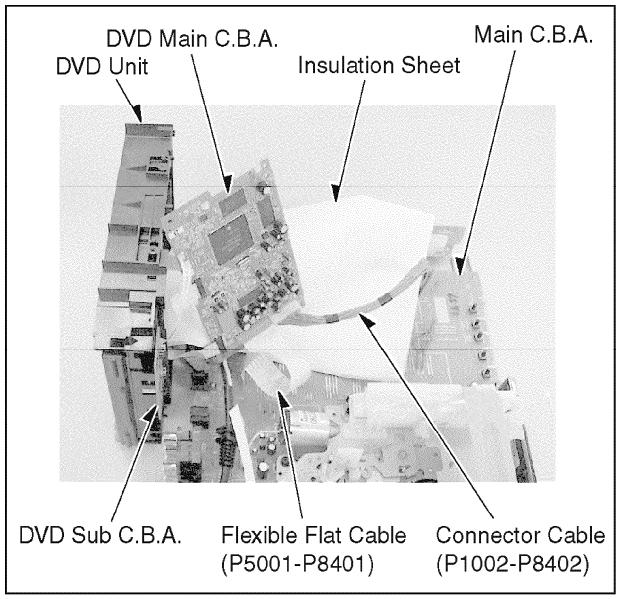
Fig. 3-2-2



4.2.6.1.3. Service Position (3)

In Service Position (3), the DVD Main C.B.A. without Extension Cables can be performed. Turn on the power and playback the disc.

Fig. 3-3



CAUTION:

Confirm the Insulation Sheet between Main C.B.A. and DVD Main C.B.A. befor connecting AC cord.

4.2.7. HOT CIRCUIT

Primary circuit exists on the Main C.B.A.

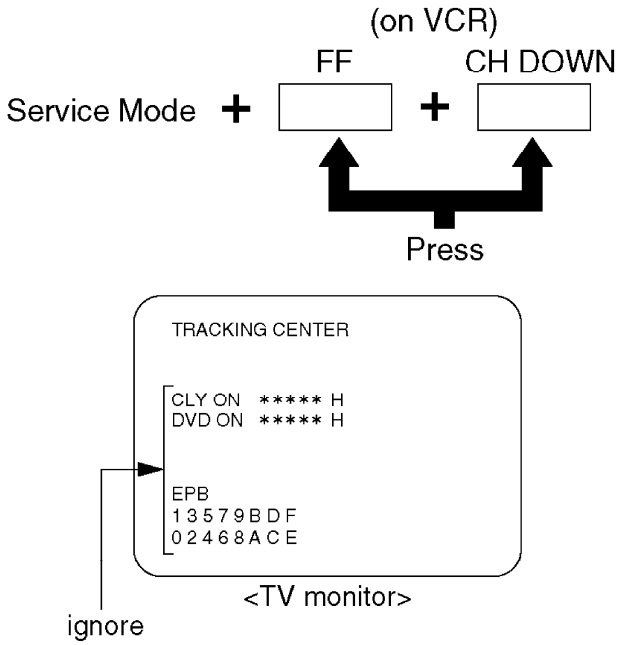
This circuit is identified as " HOT" on the C.B.A. and in the Service Manual. Use extreme care to prevent accidental shock when servicing.

4.2.8. TRACKING CENTER MODE (TRACKING FIX AT CENTER)

Insert the Cassette tape. Set the unit into Service Mode. Press CH UP button and CH DOWN button on VCR together in Play back mode. "TRACKING CENTER" will be displayed on the TV monitor.

In this mode, the tracking is fixed at center. (Auto tracking and manual tracking functions are not operational.)

Fig. 4-1



To release from this mode, press CH UP button and CH DOWN button on VCR together again.

4.2.9. HOW TO RESET ALL VCR MEMORY FUNCTIONS

To reset (clear) the select language, channel auto set and set clock functions to their initial power on condition (power on, no cassette inserted), hold down the PLAY and CH UP buttons on the unit together for more than 5 seconds.
Power will shut off.

4.2.10. HOW TO CONFIRM AUTO CLOCK SET FEATURE

1. **Connect an RF cable from the output of one unit to the input of the test unit.**
2. **Select corresponding RF channels.**
3. **Playback a recording of P.B.S. channel including clock set data and confirm this feature.**

4.2.11. VARIABLE VOLTAGE ISOLATION TRANSFORMER

An Isolation Transformer should always be used during the servicing of DVD VCR whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injuryfrom electrical shocks. It will also protect DVD VCR from being damaged by accidental shorting that may occur during servicing.
Also, when troubleshooting the above type of Power Supply Circuit, a variable isolation transformer is required in order to increase the input voltage slowly.

4.2.12. SPECIAL NOTE

All integrated circuits and many other semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "ELECTROSTATICALLY SENSITIVE (ES) DEVICES" section of this service manual.

4.2.13. MODEL NO. IDENTIFICATION MARK

Use Marks shown in the chart below to distinguish the different models included in this Service Manual.

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

Note:
Refer to Item 3 of Schematic Diagram Notes of Schematic Diagram Notes, for mark "PT."

5. DISASSEMBLY / ASSEMBLY PROCEDURES

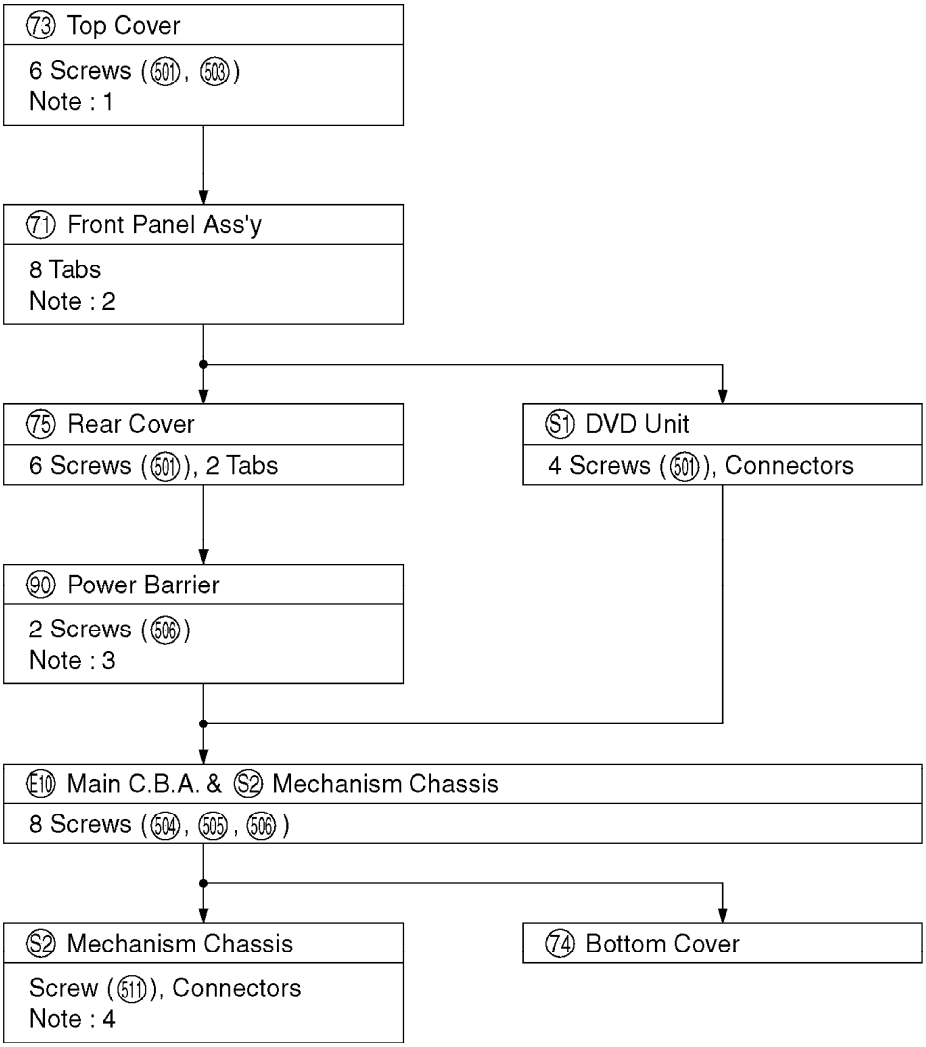
5.1. CABINET SECTION

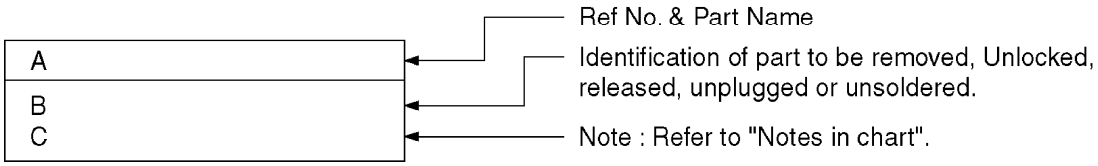
Note:
Some parts have been changed on running change basis. Therefore, disassembly and assembly methods are slightly different between early products and later products. Please refer to "11 PARTS CHANGE INFORMATION".

5.1.1. Disassembly Flowchart

Perform disassembly procedures in the order described in the "Disassembly Flowchart" Shown below. When reassembling, use the reverse procedure.

Fig. C1




A
B
C
Ref No. & Part Name
Identification of part to be removed, Unlocked, released, unplugged or unsoldered.
Note : Refer to "Notes in chart".

CAUTION:

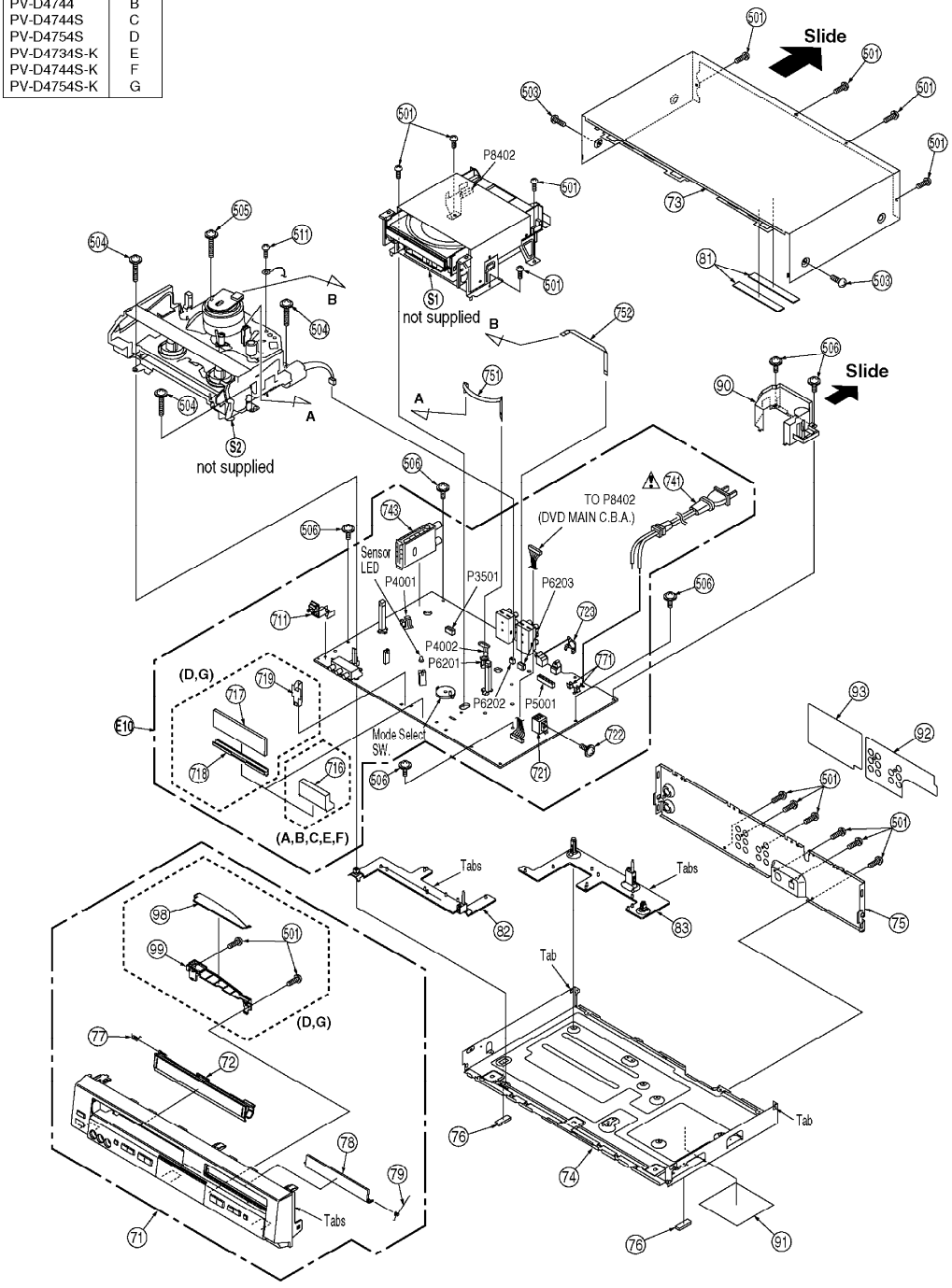
Disconnect AC plug before disassembly or assembly.

Fig. C2

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

IMPORTANT SAFETY NOTICE
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.



5.1.1.1. Notes in chart (Cabinet Section)

1. Removal of Top Cover

When removing the Top Cover, slide it as indicated by the arrow.

2. Installation of Front Panel Ass'y

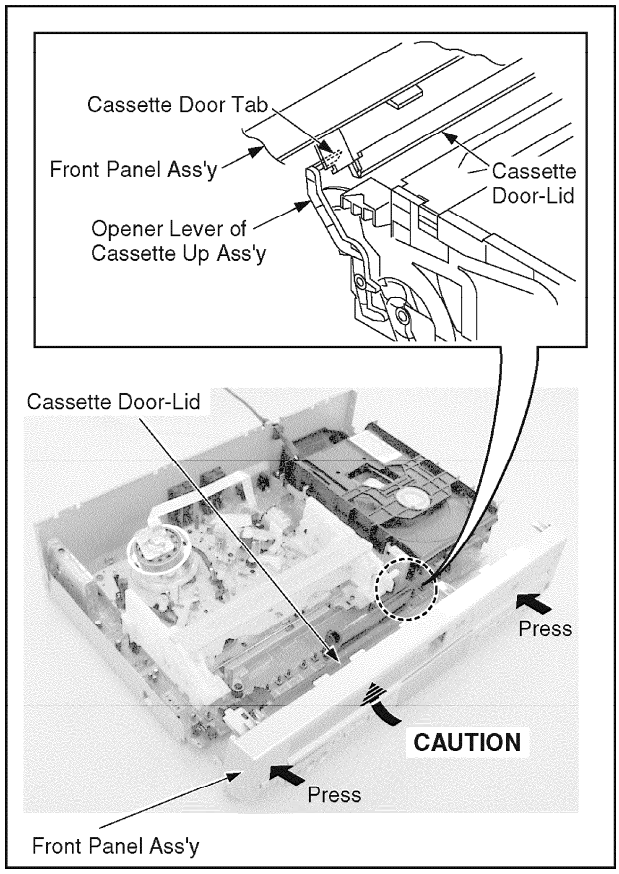
CAUTION:

Opener Lever may be damaged when Front Panel Ass'y is installed, with Cassette Door-Lid of Front Panel Ass'y and Opener Lever of

Cassette Up Ass'y set incorrectly.

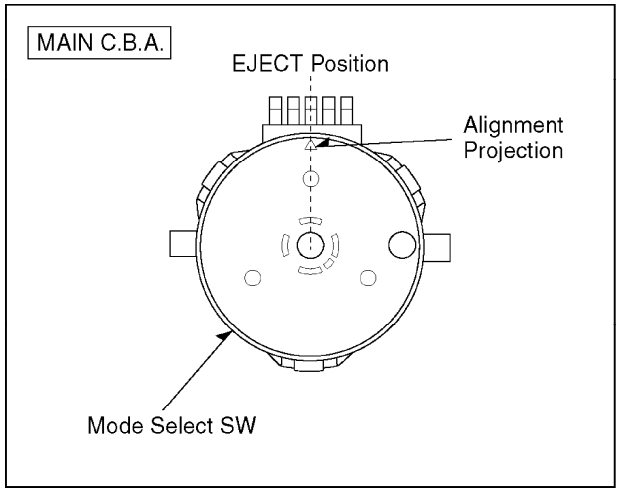
1. **When installing the Front Panel Ass'y, swing the Cassette Door-Lid all the way open until the Cassette Door tab clears the Opener Lever.**
2. **Make sure that all locking tabs are aligned properly. Then, press the Front Panel straight in.**

Fig. C3



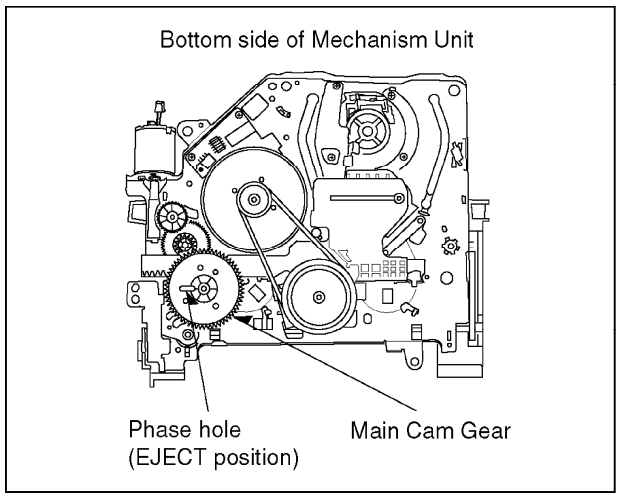
3. **Removal of Power Barrier**
   When removing the Power Barrier, slide it as indicated by the arrow.
4. **Installation of Mechanism Chassis onto Main C.B.A.**
   A. Make sure the Mode Select SW. on the Main C.B.A. is in EJECT position. If not, rotate the Mode Select SW. until the alignment projection is in the EJECT Position.

Fig. C4



B. Make sure the phase hole of the Main Cam Gear on the bottom side of Mechanism Unit is in EJECT position.

Fig. C5



C. Install the Mechanism Chassis straight onto the Main C.B.A. so that the Sensor LED clears the hole in the Mechanism Chassis and that 3 Connectors (P3501, P4001, P6201) are aligned and seated securely.

5.2. MECHANISM SECTION

Refer to the Service Manual for R4-Mechanism Chassis for PV-Model (Order No. MKE0401000C1).

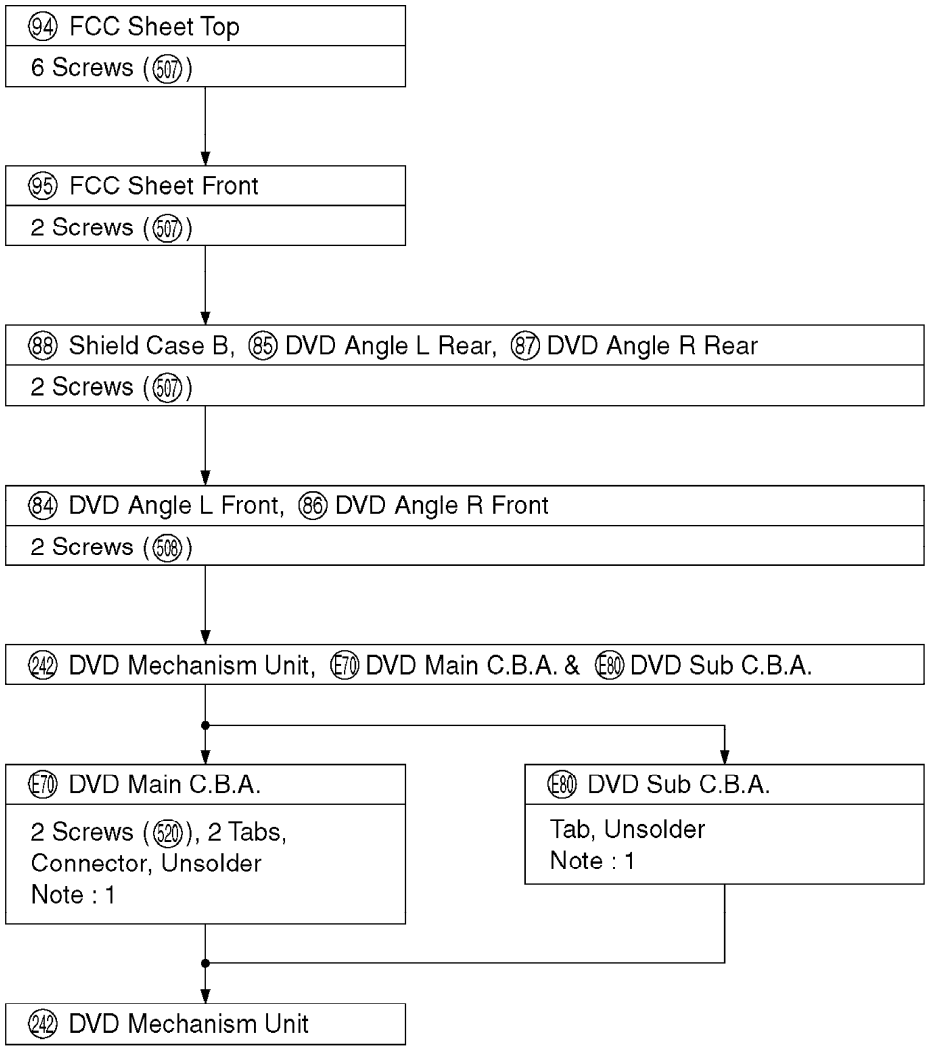
5.3. DVD SECTION

Note:
Some parts have been changed on running change basis. Therefore, disassembly and assembly methods are slightly different between early products and later products. Please refer to "11 PARTS CHANGE INFORMATION".

5.3.1. Disassembly Flowchart

Perform disassembly procedures in the order described in the "Disassembly Flowchart" Shown below. When reassembling, use the reverse procedure.

Fig. D1


(94) FCC Sheet Top
6 Screws ((507))
(95) FCC Sheet Front
2 Screws ((507))
(88) Shield Case B, (85) DVD Angle L Rear, (87) DVD Angle R Rear
2 Screws ((507))
(84) DVD Angle L Front, (86) DVD Angle R Front
2 Screws ((508))
(242) DVD Mechanism Unit, (E70) DVD Main C.B.A. & (E80) DVD Sub C.B.A.
(E70) DVD Main C.B.A.
2 Screws ((520)), 2 Tabs,
Connector, Unsolder
Note : 1
(E80) DVD Sub C.B.A.
Tab, Unsolder
Note : 1
(242) DVD Mechanism Unit

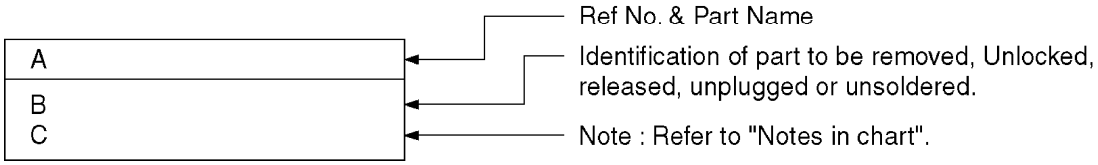
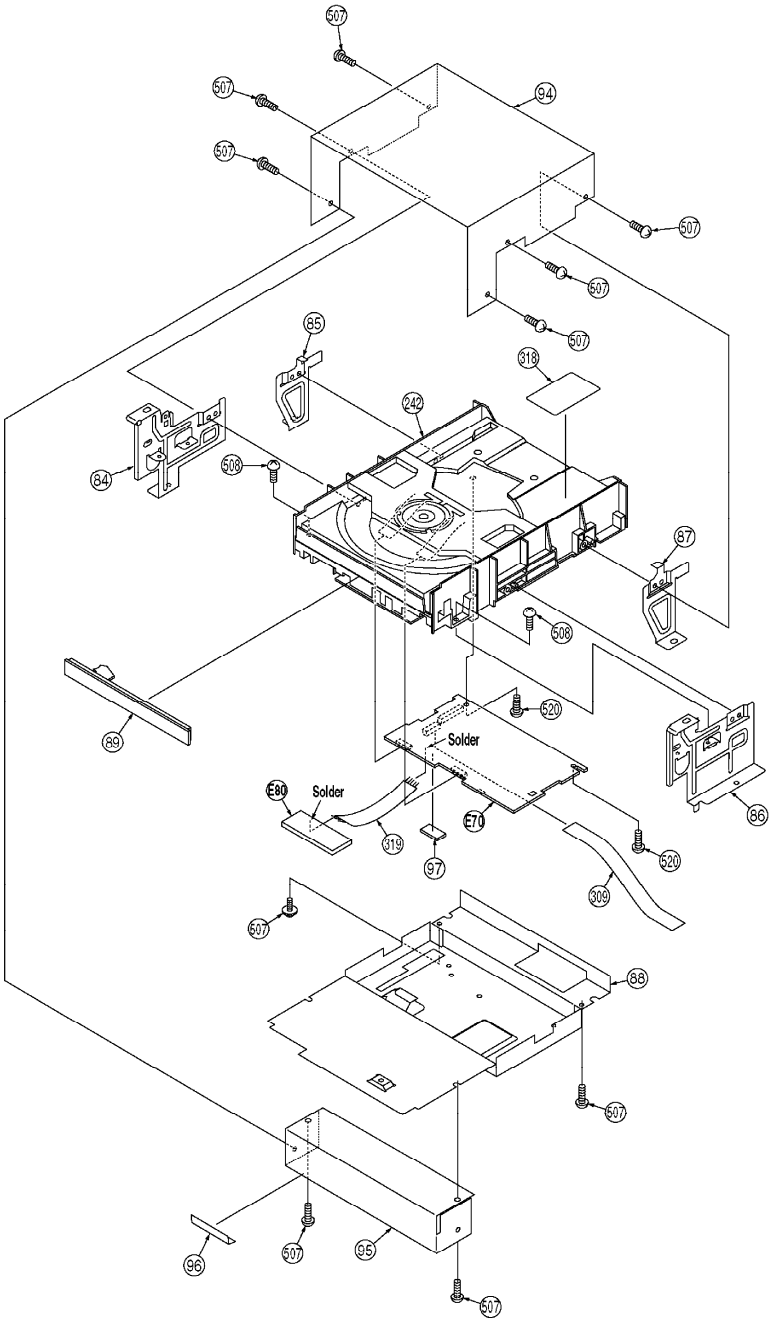

A
B
C
Ref No. & Part Name
Identification of part to be removed, Unlocked,
released, unplugged or unsoldered.
Note : Refer to "Notes in chart".

Fig. D2



5.3.1.1. Notes in chart (DVD Section)

1. Removal of DVD Sub C.B.A.

A. Remove solder portions "a," "b," and "c" on the DVD Sub C.B.A.

B. Remove the DVD Sub C.B.A. while releasing the Locking Tab.

Installation of DVD Main C.B.A. and DVD Sub C.B.A.

A. Confirm that the Lever A is positioned as shown, and install the DVD Sub C.B.A. with the Locking Tab and 2 bosses.

B. Install the DVD Main C.B.A. with the Locking Tab and the rib.

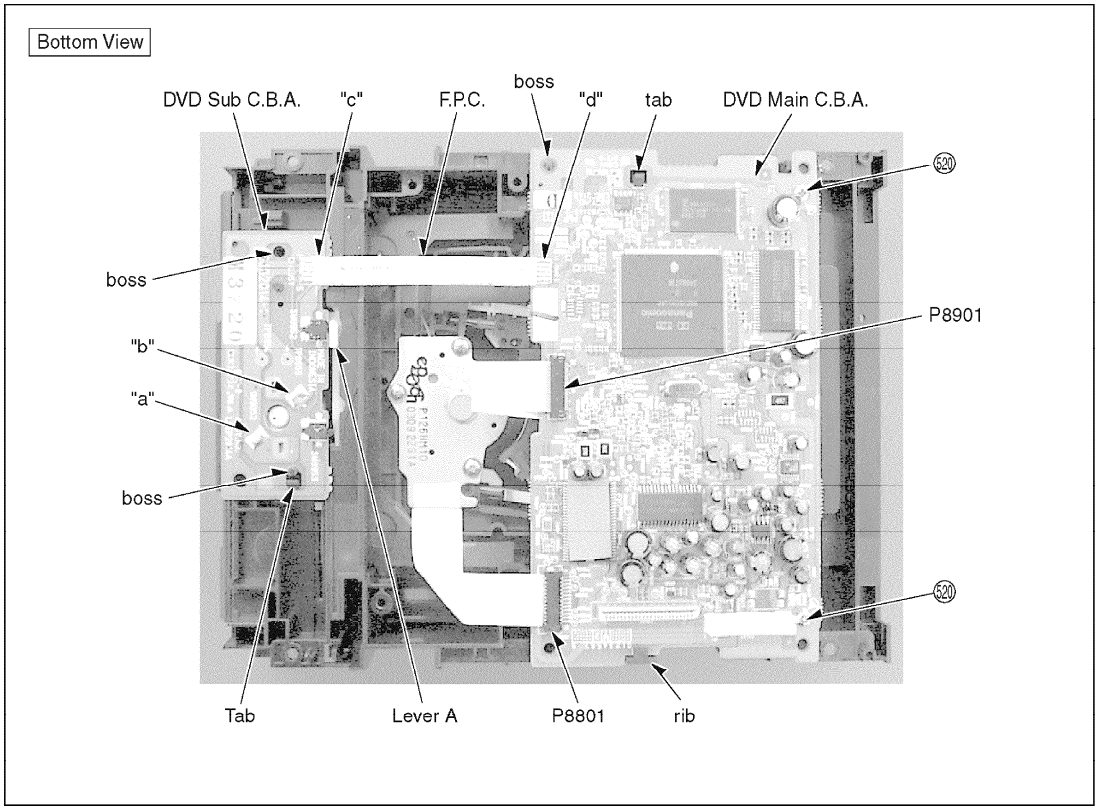
C. Solder portions "a," "b," "c" and "d" on the C.B.A.

Note:
Solder portions "a" and "b" while pushing down the DVD Sub C.B.A. securely.

D. Connect the F.F.C.s to Connectors P8901, P8801 on the DVD Main C.B.A.

E. Tighten the 2 Screws (520).

Fig. D3



6. SCHEMATIC DIAGRAMS

6.1. SCHEMATIC DIAGRAM & CIRCUIT BOARD LAYOUT NOTES

6.2. MAIN SCHEMATIC DIAGRAMS (Models: PV-D4734S / PV-D4744 / PV-D4744S / PV-D4734S-K / PV-D4744S-K)

6.3. MAIN SCHEMATIC DIAGRAMS (Models: PV-D4754S / PV-D4754S-K)

6.4. DVD MAIN / DVD SUB SCHEMATIC DIAGRAM

6.5. INTERCONNECTION SCHEMATIC DIAGRAM

6.6. VOLTAGE CHART

7. CIRCUIT BOARD LAYOUT

7.1. MAIN C. B. A. (Models: PV-D4734S / PV-D4744 / PV-D4744S / PV-D4734S-K / PV-D4744S-K)

7.2. MAIN C. B. A. (Models: PV-D4754S / PV-D4754S-K)

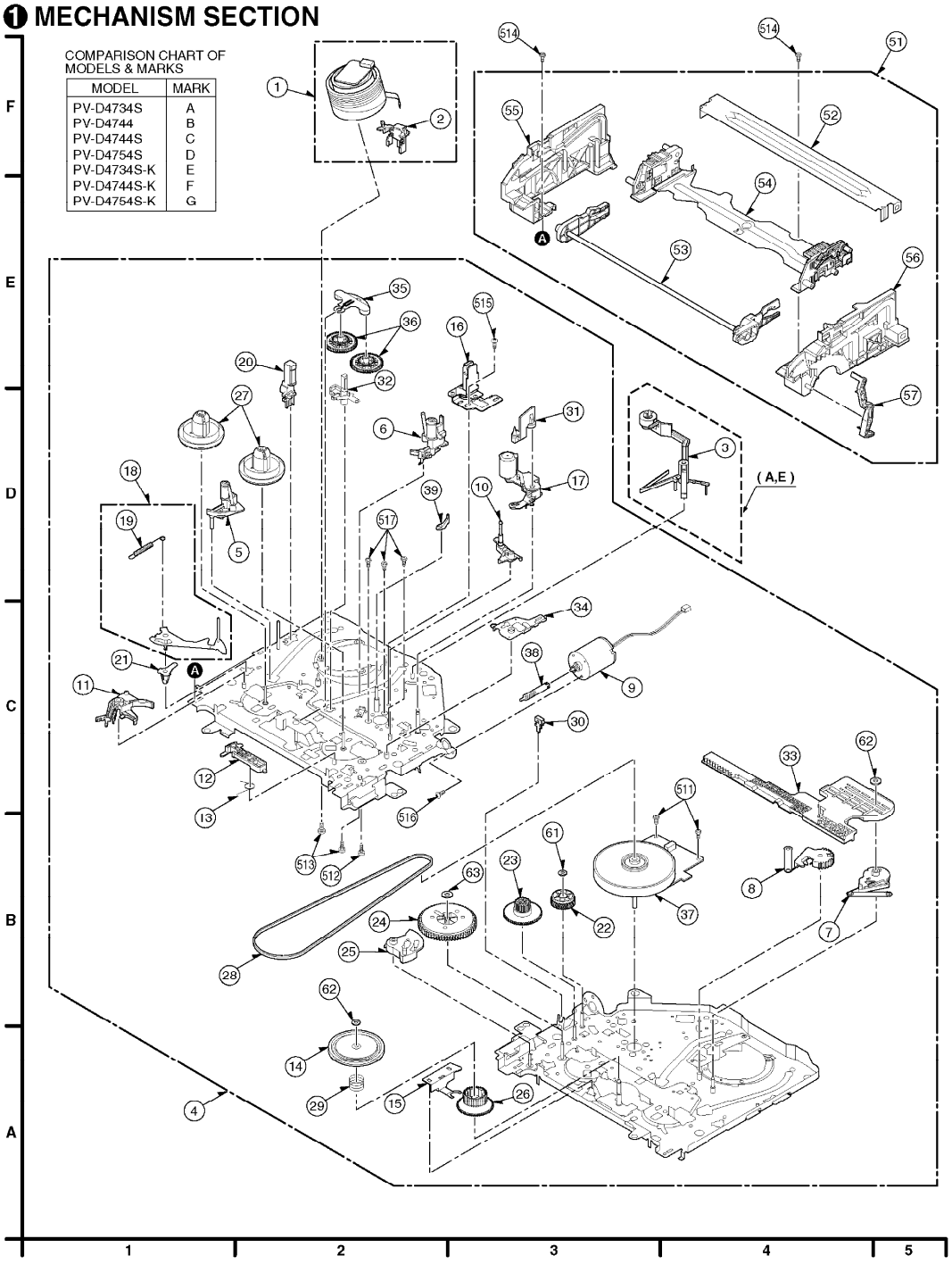
7.3. DVD MAIN C.B.A. / DVD SUB C.B.A.

8. BLOCK DIAGRAMS

9. EXPLODED VIEWS

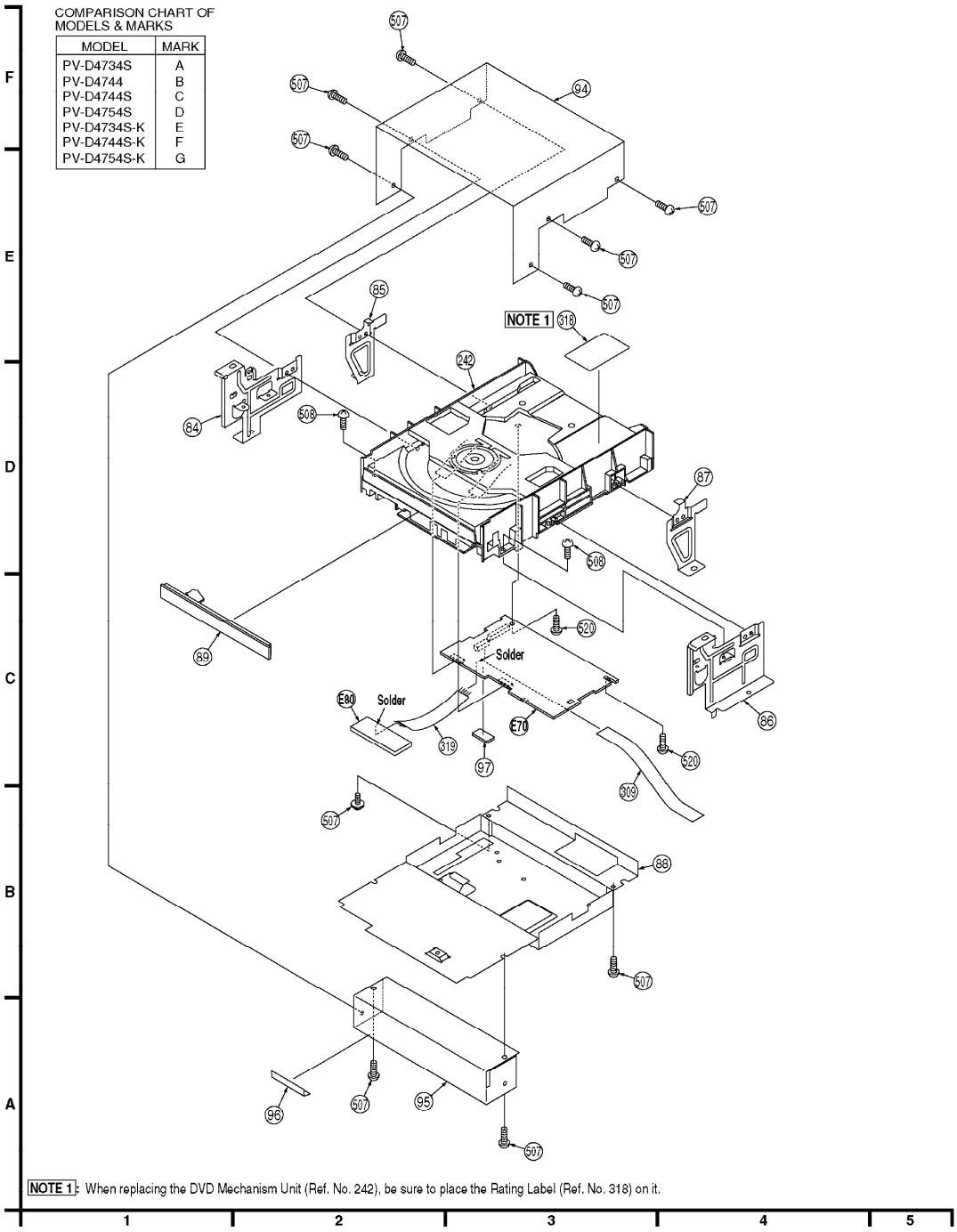
9.1. MECHANISM SECTION

❶ MECHANISM SECTION



9.2. DVD SECTION

❷ DVD SECTION


COMPARISON CHART OF MODELS & MARKS
MODEL | MARK
PV-D4734S | A
PV-D4744 | B
PV-D4744S | C
PV-D4754S | D
PV-D4734S-K | E
PV-D4744S-K | F
PV-D4754S-K | G
NOTE 1
Solder
Solder
NOTE 1: When replacing the DVD Mechanism Unit (Ref. No. 242), be sure to place the Rating Label (Ref. No. 318) on it.

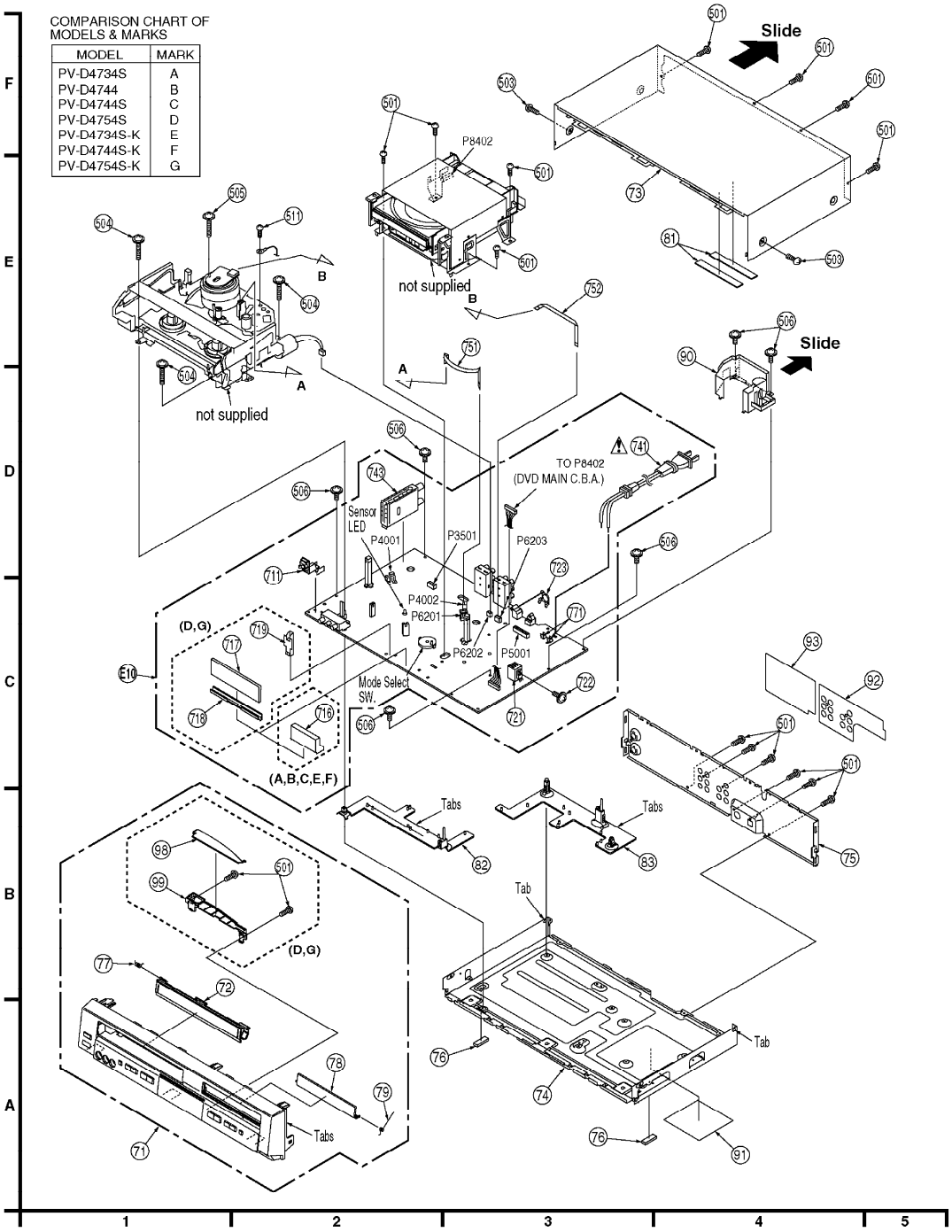
9.3. CHASSIS FRAME AND CASING PARTS SECTION

❸ CHASSIS FRAME AND CASING PARTS SECTION

IMPORTANT SAFETY NOTICE
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

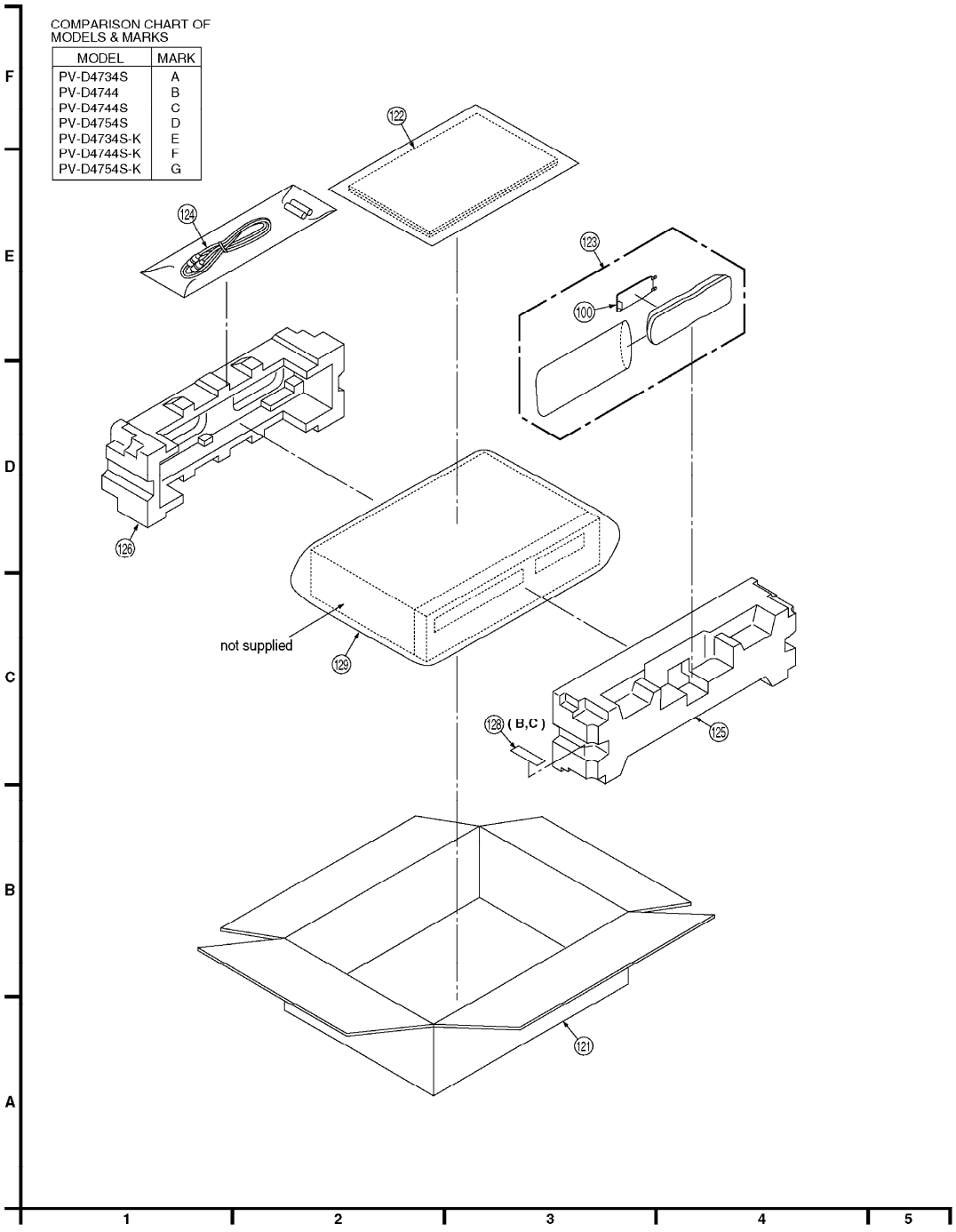
COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G



9.4. PACKING PARTS AND ACCESSORIES SECTION

❹ PACKING PARTS AND ACCESSORIES SECTION



10. REPLACEMENT PARTS LISTS

BEFORE REPLACING PARTS, READ THE FOLLOWING:

10.1. REPLACEMENT NOTES

10.1.1. General Notes

1. Use only original replacement parts:

To maintain original function and reliability of repaired units, use only

original replacement parts which are listed with their part numbers in the parts list.

2. **IMPORTANT SAFETY NOTICE**
   Components identified by the sign ⚠ have special characteristics important for safety. When replacing any of these components, use only the specified parts.
3. **SPECIAL NOTE**
   All integrated circuits and many other semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "ELECTROSTATICALLY SENSITIVE (ES) DEVICES" section of this servicemanual.
4. **Parts with no Ref. No. in "EXPLODED VIEWS" are not supplied. And some Ref. No. will be skipped. Be sure to make your orders of replacement parts according to the parts list.**
5. **Parts different in shape or size may be used. However, only interchangeable parts will be supplied as service replacement parts.**
6. **Definition of Parts supplier:**
   A. Parts with mark "SPC" in the Remarks column are supplied from Spare Parts Center of Panasonic AVC Company.
   B. Parts with mark "MKE" in the Remarks column are supplied from MKE.
   C. Parts without mark in the Remarks column are supplied from MKI.
7. **Item numbers with capital letter E (Example: E10, E20, ...) in the Ref. No. column are shown in the exploded views.**
8. **Parts whose Ref. Nos. are the same are interchangeable as replacement parts. Any of these parts may be ordered and used as a replacement part.**

10.1.2. Mechanical Replacement Notes

1. **Section No. of parts shown in Exploded Views are indicated in the Remarks column.**
2. **The Mechanical Chassis Sub Ass'y (Ref. No. 4) consists of all the mechanical parts except the Cylinder Kit (Ref. No. 1), and the Cassette Up Ass'y (Ref. No. 51) and Cleaner Arm Unit (Ref. No.3).**
   After replacing the Mechanical Chassis Sub Ass'y, be sure to perform "TAPE INTERCHANGEABILITY ADJUSTMENT" in Service Manual for R4

-Mechanism Chassis for PV-Model (Order No. MKE0401000C1).

3. **Cylinder is supplied as a Cylinder Kit (Ref. No. 1) only. Cylinder Kit consists of a Cylinder and a Main FPC Holder (Ref. No.2). However, FPC Holder (Ref. No.2) is available separately as a replacement part.**
4. **The Infrared Remote Control Unit (Ref. No. 123) replacement part is available as a complete assembly unit only. Do not try to disassemble the Infrared Remote Control Unit.**
5. **FPC Holder (Ref. No. 2) is not reusable. If removed, install a new one.**

10.1.3. Electrical Replacement Notes

1. **Unless otherwise specified;**
   All resistors are in Ω, K = 1,000 Ω, M = 1,000 kΩ.
2. **Abbreviation**

RTL:	**Retention Time Limited** **This indicates that the retention time is limited for this item. After the discontinuation of this item in production, it will no longer be available.**
NR	**Non Repairable Board Ass'y**
MGF CHIP:	**Metal Glaze Film Chip**
C CHIP:	**Ceramic Chip**
COMPLX CMP:	**Complex Component**
W FLMPRF:	**Wirewound Flameproof**
C.B.A.:	**Circuit Board Assembly**
P.C.B.:	**Printed Circuit Board**
E.S.D.:	**Electrostatically Sensitive Devices**

3. **When replacing 0 .resistor, a wire can be substituted for it.**
4. **Since the UHF/VHF TUNER/TV DEMODULATOR UNIT (Ref. No. 743) has already been pre-adjusted at the factory, do not try to adjust the UHF/VHF TUNER/TV DEMODULATOR UNIT. The UHF/VHF TUNER/TV DEMODULATORUNIT replacement part is available as a complete assembly unit only.**
5. **EEP ROM IC (IC6004), MAIN C.B.A. replacement note:**
   After replacing EEP ROM IC (IC6004) or MAIN C.B.A., be sure to perform the "PG SHIFTER ADJUSTMENT" in Service Manual for R4-Mechanism Chassis for PV-Model (Order No. MKE0401000C1).

10.2. MECHANICAL REPLACEMENT PARTS LIST

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

Definition of Parts supplier:

1. **Parts with mark “SPC” in the Remarks column are supplied from Spare Parts Center of Panasonic AVC Company.**
2. **Parts with mark “MKE” in the Remarks column are supplied from MKE.**
3. **Parts without mark in the Remarks column are supplied from MKI.**

MECHANICAL REPLACEMENT PARTS

Ref. No.	Part No.	Part Name & Description	Remarks
1	LSVD0009	CYLINDER KIT	1
2	VMD4983	FPC HOLDER	1
3	VXL3131	CLEANER ARM UNIT (A,E)	1
4	LSXY0579	MECHANICAL CHASSIS SUB ASS'Y (A,E)	1 RTL
4	LSXY0542	MECHANICAL CHASSIS SUB ASS'Y (B,C,D,F,G)	1 RTL
5	VXA7105	SUPPLY SHAFT HOLDER UNIT	1
6	VXA7106	TAKE UP SHAFT HOLDER UNIT	1
7	VXL3107	SUPPLY LOADING ARM UNIT	1
8	VXL3108	TAKE UP LOADING ARM UNIT	1
9	VEM0796	LOADING MOTOR UNIT	1
10	VXL3110	P5 ARM UNIT	1
11	VXL3112	SUPPLY BRAKE ARM UNIT	1
12	VXL3121	TAKE UP BRAKE ARM UNIT	1
13	VMB3548	TAKE UP BRAKE SPRING	1
14	VXP2133	CENTER CLUTH UNIT	1
15	VXL3124	CHANGING LEVER UNIT	1
16	LSEH0008	AUDIO CONTROL/ERASE HEAD UNIT	1
17	VXL3109	PINCH ARM UNIT	1
18	VXL3111	TENSION ARM UNIT	1
19	VMB3547	TENSION SPRING	1
20	L1AZ00000004	FULL ERASE HEAD	1
21	VDB1431	TENSION ARM BOSH	1
22	VXP2168	TORQUE CLUTCH UNIT	1
23	VDG1510	INTERMEDIATE GEAR	1
24	VDG1511	MAIN CAM GEAR	1
25	VXA7311	SECTOR GEAR UNIT	1
26	VDG1514	CHANGE GEAR	1
27	VDR0372	REEL TABLE	1
28	VDV0391	CAPSTAN BELT	1
29	VMB3550	CHANGING GEAR SPRING	1
30	VMD4987	WORM BEARING	1
31	VMD4252	OPENER PIECE	1
32	VMD4253	LED PRISM	1
33	VML3624	MAIN LEVER	1
34	VML3626	PINCH CHARGE ARM	1
35	VML3632	IDLER ARM	1
36	VDG1512	IDLER GEAR	1
37	VEM0800	CAPSTAN ASS'Y	1
38	VDG1637	WORM GEAR	1
39	VMX3377	P4 CAP	1
51	LSXY0541	CASSETTE UP ASS'Y	1
52	VMA0L25	TOP PLATE	1
53	VXL3160	MAIN SHAFT UNIT	1
54	VXA7110	CASSETTE HOLDER UNIT	1
55	VMD4255	SIDE PLATE L	1
56	VMD4985	SIDE PLATE R	1
57	LSML0367	OPENER LEVER 2	1
61	VMX2208	WASHER,NYLON	1
62	VMX3196	WASHER,NYLON	1
63	VMX2699	WASHER,NYLON	1
71	VYPS7162	FRONT PANEL ASS'Y (A,C,E,F)	3
71	VYPS7163	FRONT PANEL ASS'Y (B)	3
71	VYPS7164	FRONT PANEL ASS'Y (D,G)	3
72	LSGP0401	CASSETTE DOOR-LID (A,C,D,E,F,G)	3
72	LSGP0402	CASSETTE DOOR-LID (B)	3
73	LSKM1035	TOP COVER (A,C,D,E,F,G) *Refer to “11 Parts Change Information”	3

Ref. No.	Part No.	Part Name & Description	Remarks
73	LSKM1070	TOP COVER (A,C,D,E,F,G) *Refer to “11 Parts Change Information”	3
73	LSKM1049	TOP COVER (B) *Refer to “11 Parts Change Information”	3
73	LSKM1071	TOP COVER (B) *Refer to “11 Parts Change Information”	3
74	LSMK0842	BOTTOM COVER *Refer to “11 Parts Change Information”	3
75	LSMP0453	REAR COVER	3
76	LSKA0012	RUBBER FOOT	3
77	VMBS1161	CASSETTE DOOR SPRING	3
78	LSGP0403	DVD DOOR (A,C,D,E,F,G)	3
78	LSGP0404	DVD DOOR (B)	3
79	LSMB0170	DVD CASSETTE DOOR SPRING	3
81	LSMG0144	FCC CUSHION *Refer to “11 Parts Change Information”	3
82	LSMK0837	FRAME PIECE FRONT	3
83	LSMK0838	FRAME PIECE REAR	3
84	LSMA0771	DVD ANGLE L FRONT *Refer to “11 Parts Change Information”	2
85	LSMA0723	DVD ANGLE L REAR	2
86	LSMA0770	DVD ANGLE R FRONT *Refer to “11 Parts Change Information”	2
87	LSMA0780	DVD ANGLE R REAR *Refer to “11 Parts Change Information”	2
88	LSMA0718	SHIELD CASE B	2
89	LSGP0381	TRAY COVER	2
90	LSGF0530	POWER BARRIER *Refer to “11 Parts Change Information”	3
91	LSQL1616	CAUTION LABEL	3
92	LSQL1617	OPERATION LABEL	3
93	LSQL1618	LISENCE LABEL	3
94	LSMZ0383	FCC SHEET TOP *Refer to “11 Parts Change Information”	2
95	LSMZ0384	FCC SHEET FRONT *Refer to “11 Parts Change Information”	2
96	LSMF0332	NONFABRIC TAPE *Refer to “11 Parts Change Information”	2
97	LMMY0030	HEAT SHEET,SI	2
98	LSGL0408	ILLUMINATION PANEL (D,G)	3
99	LSGL0409	ILLUMINATION PANEL HOLDER (D,G)	3
100	EUR77EC2406A	BATTERY COVER	4
121	LSPG1817	PACKING CASE,PAPER (A)	4
121	LSPG1819	PACKING CASE,PAPER (B)	4
121	LSPG1818	PACKING CASE,PAPER (C)	4
121	LSPG1820	PACKING CASE,PAPER (D)	4
121	LSPG1821	PACKING CASE,PAPER (E)	4
121	LSPG1822	PACKING CASE,PAPER (F)	4
121	LSPG1823	PACKING CASE,PAPER (G)	4
122	LSQF0796	FAN BAG (A)	4
122	LSQF0795	FAN BAG (B,C)	4
122	LSQF0797	FAN BAG (D)	4
122	LSQF0828	FAN BAG (E)	4
122	LSQF0827	FAN BAG (F)	4
122	LSQF0829	FAN BAG (G)	4
123	EUR7724KC0	INFRARED REMOTE CONTROL UNIT (A,E)	4
123	EUR7724KA0	INFRARED REMOTE CONTROL UNIT (B,C,F)	4
123	EUR7724KB0	INFRARED REMOTE CONTROL UNIT (D,G)	4

Ref. No.	Part No.	Part Name & Description	Remarks
124	LSJA0418	VHF CONNECTING CABLE W/PLUG,0V	4
124	LSJA0274	VHF CONNECTING CABLE W/PLUG,0V	4
124	LSJA0328	VHF CONNECTING CABLE W/PLUG,0V	4
124	LSJA0372	VHF CONNECTING CABLE W/PLUG,0V	4
124	VJAS0212	VHF CONNECTING CABLE W/PLUG,0V	4
125	LSPN0500	FRONT CUSHION,STYROFOAM	4
126	LSPN0450	REAR CUSHION,STYROFOAM	4
128	N9ZZ00000027	SECURITY TAG (B,C)	4
128	RZZ0124	SECURITY TAG (B,C)	4
129	LSPF0084	SHEET,POLYETHYLENE	4
242	LSXK0165	DVD MECHANISM UNIT	2
309	LSJW0071	FLEXIBLE FLAT CABLE W/OUT PLUG	2
318	LSQL1591	RATING LABEL B (A,B,C)	2
318	LSQL1592	RATING LABEL C (D,G)	2
318	LSQL1655	RATING LABEL D (E,F)	2
319	LSJW0029	FLAT FLEXIBLE CABLE,6V	2
320	LSSC0735	SHIELD PLATE BOTTOM *Refer to “11 Parts Change Information”	3
321	LSSC0736	SHIELD PLATE SIDE *Refer to “11 Parts Change Information”	2
322	LSSC0737	SHIELD PLATE TOP *Refer to “11 Parts Change Information”	2
501	XTV3+8J	TAPPING SCREW,STEEL	3
503	XTB3+6JFN	TAPPING SCREW,STEEL (A,C,D,E,F,G) *Refer to “11 Parts Change Information”	3
503	XTB3+6JFZ	TAPPING SCREW,STEEL (B) *Refer to “11 Parts Change Information”	3
504	VHD1453	SCREW,STEEL	3
505	VHD1452	SCREW,STEEL	3
506	XYE3+FJ8	SCREW,STEEL	3
507	XTV3+6J	TAPPING SCREW,STEEL	2
508	XTN26+6F	SCREW,STEEL	2
511	XTV26+5F	SCREW,STEEL	1,3
512	VHD1095	SCREW,STEEL	1
513	VHD1117	SCREW,STEEL	1
514	XTV26+8FR	SCREW,STEEL	1
515	VHD1044	SCREW,STEEL	1
516	XYN3+C4	SCREW W/WASHER,STEEL	1
517	XTN26+7J	SCREW,STEEL	1
520	XTV26+6J	TAPPING SCREW,STEEL	2
711	LSSZ0007	INFRARED RECEIVER UNIT	3
716	B3CJZ0000005	LED DISPLAY PANEL (A,B,C,E,F)	3
717	A2BB00000111	DISPLAY TUBE (D,G)	3
718	LSGM0002	DISPLAY TUBE HOLDER (D,G)	3
719	LSGL0410	LED HOLDER (D,G)	3
721	LSSC0680	HEAT SINK	3
722	XYN3+F10S	SCREW W/WASHER,STEEL	3
723	LSSC0708	S JACK FCC PLATE	3
741	LSJA0360	AC CORD W/PLUG,AC 120V	3 ⚠
741	LSJA0348	AC CORD W/PLUG,AC 120V	3 ⚠
741	LSJA0358	AC CORD W/PLUG,AC 120V	3 ⚠
741	LSJA0359	AC CORD W/PLUG,AC 120V	3 ⚠
741	LSJA0361	AC CORD W/PLUG,AC 120V	3 ⚠
741	K2CB2CT00002	AC CORD W/PLUG,AC 120V (A,B,C,E,F)	3 ⚠
741	K2CB2CZ00003	AC CORD W/OLUG,AC 120V (D,G)	3 ⚠

Ref. No.	Part No.	Part Name & Description	Remarks
743	ENG56D01G1F	TUNER UHF/VHF NR	3
751	LSJW0060	FLEXIBLE FLAT CABLE W/OUT PLUG	3
752	LSJW0061	FLEXIBLE FLAT CABLE W/OUT PLUG	3
771	EYF52BC	FUSE HOLDER	3
E10	LSEP2144HA	MAIN C.B.A. (A,B,C)	3 RTL
E10	LSEP2154HA	MAIN C.B.A. (D)	3 RTL
E10	LSEP2144HB	MAIN C.B.A. (E,F)	3 RTL
E10	LSEP2154HB	MAIN C.B.A. (G)	3 RTL
E70	LSEP2145C	DVD MAIN C.B.A. (A,B,C)	2 RTL
E70	LSEP2145D	DVD MAIN C.B.A. (D,G)	2 RTL
E70	LSEP2145B	DVD MAIN C.B.A. (E,F)	2 RTL
E80	LSEP2014A	DVD SUB C.B.A.	2 RTL

SERVICE FIXTURES AND TOOLS

Ref. No.	Part No.	Part Name & Description	Remarks
	VFMS0003H6	VHS ALIGNMENT TAPE	MKE
	VFKS0081	GREASE	MKE
	VFK0329	POST ADJUSTMENT DRIVER	MKE
	VFK27	HEAD CLEANING STICK	MKE
	VFK0330	H-POSITION ADJUSTMENT DRIVER	MKE
	VFK1301	SILICONE GREAS	MKE
	DVDT-S01	DVD TEST DISC	SPC
	DVDT-S15	DVD TEST DISC	SPC

10.3. ELECTRICAL REPLACEMENT PARTS LIST

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

Definition of Parts supplier:

1. All parts are supplied from MKI.

PRINTED CIRCUIT BOARD ASSEMBLY

Ref. No.	Part No.	Part Name & Description	Remarks
E10	LSEP2144HA	MAIN C.B.A. (A,B,C)	E.S.D. RTL
E10	LSEP2154HA	MAIN C.B.A. (D)	E.S.D. RTL
E10	LSEP2144HB	MAIN C.B.A. (E,F)	E.S.D. RTL
E10	LSEP2154HB	MAIN C.B.A. (G)	E.S.D. RTL
E70	LSEP2145C	DVD MAIN C.B.A. (A,B,C)	E.S.D. RTL
E70	LSEP2145D	DVD MAIN C.B.A. (D,G)	E.S.D. RTL
E70	LSEP2145B	DVD MAIN C.B.A. (E,F)	E.S.D. RTL
E80	LSEP2014A	DVD SUB C.B.A.	RTL

10.3.1. MAIN C.B.A. (Model: A, B, C, E, F)

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

INTEGRATED CIRCUITS

Ref. No.	Part No.	Part Name & Description	Remarks
IC1002	CNC1S101RLL1	IC, LINEAR	⚠
IC1003	C0DAEMZ00005	IC, LINEAR	
IC1003	B1AZKD000001	IC, LINEAR	
IC1003	C0DAEMZ00001	IC, LINEAR	
IC1004	C0DAEGG00008	IC, LINEAR	
IC3001	C1AB00002002	IC, LINEAR	
IC3002	C1AB00001731	IC, CMOS STANDARD LOGIC	E.S.D.
IC4201	AN3663FBP-V	IC, LINEAR	
IC4303	C0ABBB000256	IC, LINEAR	
IC4304	C0JBAR000344	IC, CMOS STANDARD LOGIC	E.S.D.
IC6001	C2CBHF000331	IC, 16BIT MICROCONTROLLER	E.S.D.
IC6002	B3NAA0000049	PHOTO INTERRUPUTER	
IC6003	B3NAA0000049	PHOTO INTERRUPUTER	
IC6004	C3EBCC000049	IC, 1K EEP ROM	E.S.D.
IC6004	AT24C01A10SI	IC, 1K EEP ROM	E.S.D.
IC6004	C3EBCC000038	IC, 1K EEP ROM	E.S.D.
IC6004	C3EBCC000053	IC, 1K EEP ROM	E.S.D.
IC6005	C0EBH0000172	IC, CMOS STANDARD LOGIC	E.S.D.
IC6201	C1AB00001767	IC, LINEAR	

TRANSISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
Q1001	B1DEEQ000007	TRANSISTOR FET	⚠
Q1002	B1DEEQ000007	TRANSISTOR FET	⚠
Q1003	2SC3311AHA	TRANSISTOR SI PNP CHIP	
Q1004	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q1004	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q1005	2SC3311AHA	TRANSISTOR SI PNP CHIP	
Q1006	2SD1819A0L	TRANSISTOR SI NPN CHIP	
Q1006	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q1007	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q1007	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q1008	UNR221100L	TRANSISTOR SI NPN CHIP	
Q1008	DTC114EK-TX	TRANSISTOR SI NPN CHIP	
Q1009	B1BACC000010	TRANSISTOR SI NPN	
Q1009	2SD1581-T	TRANSISTOR SI NPN	
Q1010	2SD2396K	TRANSISTOR SI NPN	
Q1011	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1011	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1012	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1012	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1013	B1BACC000010	TRANSISTOR SI NPN	
Q1013	2SD1581-T	TRANSISTOR SI NPN	
Q1014	2SD235800A	TRANSISTOR SI NPN	
Q1014	B1AAQB000002	TRANSISTOR SI NPN	
Q1015	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1015	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1204	UNR211200L	TRANSISTOR SI PNP CHIP	
Q1204	DTA124EK-TX	TRANSISTOR SI PNP CHIP	
Q1205	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1205	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1207	B1ABGC000001	TRANSISTOR SI NPN CHIP	
Q1207	B1ABGC000003	TRANSISTOR SI NPN CHIP	
Q1208	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1208	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1209	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q1209	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q1210	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q1210	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1301	B1ABGC000001	TRANSISTOR SI NPN CHIP	
Q1301	B1ABGC000003	TRANSISTOR SI NPN CHIP	
Q1302	B1BACC000010	TRANSISTOR SI NPN	
Q1302	2SD1581-T	TRANSISTOR SI NPN	
Q1303	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1303	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1304	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1304	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q3001	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q3001	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q3001	B1ABCF000106	TRANSISTOR SI NPN CHIP	
Q3001	B1ABCF000107	TRANSISTOR SI NPN CHIP	
Q3003	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q3003	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q3003	B1ADCF000077	TRANSISTOR SI PNP CHIP	
Q3003	B1ADCF000078	TRANSISTOR SI PNP CHIP	

Ref. No.	Part No.	Part Name & Description	Remarks
Q3005	2SD1819AHL	TRANSISTOR SI NPN CHIP	
Q3005	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q3014	UNR221300L	TRANSISTOR SI NPN CHIP	
Q3014	B1GBCFNN0004	TRANSISTOR SI NPN CHIP	
Q4009	UNR521500L	TRANSISTOR SI NPN CHIP	
Q4009	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	
Q4012	UNR511500L	TRANSISTOR SI PNP CHIP	
Q4012	B1GDCFJJ0025	TRANSISTOR SI PNP CHIP	
Q4081	UNR211100L	TRANSISTOR SI PNP CHIP	
Q4081	B1GDCFJJ0002	TRANSISTOR SI PNP CHIP	
Q4082	2SD1819AHL	TRANSISTOR SI NPN CHIP	
Q4083	2SD1819AHL	TRANSISTOR SI NPN CHIP	
Q4101	2SD0601ARL	TRANSISTOR SI NPN CHIP	
Q4172	UNR221100L	TRANSISTOR SI NPN CHIP	
Q4172	DTC114EK-TX	TRANSISTOR SI NPN CHIP	
Q4304	UNR221200L	TRANSISTOR SI NPN CHIP	
Q4304	B1GBCFLL0002	TRANSISTOR SI NPN CHIP	
Q4306	UNR221200L	TRANSISTOR SI NPN CHIP	
Q4306	B1GBCFLL0002	TRANSISTOR SI NPN CHIP	
Q6001	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q6001	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q6002	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q6002	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q6003	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q6003	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q6004	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q6004	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q6005	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q6005	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q6006	VEKS9440	PHOTO SENSOR UNIT	
Q6007	VEKS9440	PHOTO SENSOR UNIT	
Q6008	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q6008	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q6009	2SB0709AHL	TRANSISTOR SI PNP CHIP	

DIODES

Ref. No.	Part No.	Part Name & Description	Remarks
D1002	ERZV07Z361CS	VARISTORS	⚠
D1004	B0EDKR000004	DIODE SI	⚠
D1012	B0JANK000003	DIODE SI	
D1012	B0JAMK000016	DIODE SI	
D1013	B0JAPG000024	DIODE SI	
D1013	B0JAPG000020	DIODE SI	
D1013	B0JAPG000021	DIODE SI	
D1014	B0JANG000006	DIODE SI	
D1015	B0JAME000079	DIODE SI	
D1015	B0JAME000049	DIODE SI	
D1015	B0JANE000011	DIODE SI	
D1015	B0JANE000022	DIODE SI	
D1016	B0HAHP000014	DIODE SI	
D1016	B0HAJP000007	DIODE SI	
D1016	B0HAMP000061	DIODE SI	
D1016	B0HAMP000069	DIODE SI	
D1017	B0HAHP000014	DIODE SI	
D1017	B0HAJP000007	DIODE SI	
D1017	B0HAMP000061	DIODE SI	
D1017	B0HAMP000069	DIODE SI	
D1018	B0JAMD000012	DIODE SI	
D1018	B0JAGE000001	DIODE SI	
D1018	B0JAME000082	DIODE SI	
D1019	B0HAGM000006	DIODE SI	
D1020	B0AAML000001	DIODE SI	
D1020	B0EAKL000008	DIODE SI	
D1021	B0AAML000001	DIODE SI	
D1021	B0EAKL000008	DIODE SI	
D1022	B0AAML000001	DIODE SI	
D1022	B0EAKL000008	DIODE SI	
D1023	MAZ4047NMF	DIODE ZENER 4.7V	
D1024	MA4051N-HTA	DIODE ZENER 5.1V	
D1025	MAZ4100NHF	DIODE ZENER 10V	
D1025	RD10JSAB3	DIODE ZENER 10V	
D1026	MA2C165001VT	DIODE SI	
D1026	B0AACK000004	DIODE SI	
D1026	1SS119	DIODE SI	
D1027	MA2C165001VT	DIODE SI	
D1027	B0AACK000004	DIODE SI	
D1027	1SS119	DIODE SI	
D1030	B0AAML000001	DIODE SI	
D1030	B0EAKL000008	DIODE SI	
D1032	MAZ40270LF	DIODE ZENER 2.7V	
D1033	MA2C165001VT	DIODE SI	
D1033	B0AACK000004	DIODE SI	
D1033	1SS119	DIODE SI	
D1034	MA2C165001VT	DIODE SI	
D1034	B0AACK000004	DIODE SI	
D1034	1SS119	DIODE SI	
D1035	B0HAHP000014	DIODE SI	
D1035	B0HAJP000007	DIODE SI	
D1035	B0HAMP000061	DIODE SI	
D1035	B0HAMP000069	DIODE SI	
D1041	MAZ22000A	DIODE ZENER 20V	⚠
D1042	B0AAML000001	DIODE SI	
D1042	B0EAKL000008	DIODE SI	

Ref. No.	Part No.	Part Name & Description	Remarks
D1043	B0AAML000001	DIODE SI	
D1043	B0EAKL000008	DIODE SI	
D1203	MAZ4047NMF	DIODE ZENER 4.7V	
D1204	MAZ41200MF	DIODE ZENER 12V	
D1301	B0AAML000001	DIODE SI	
D1301	B0EAKL000008	DIODE SI	
D1302	B0AAML000001	DIODE SI	
D1302	B0EAKL000008	DIODE SI	
D1303	MAZ4047NMF	DIODE ZENER 4.7V	
D1304	MAZ4110NHF	DIODE ZENER 11V	
D4209	MA2C165001VT	DIODE SI	
D4209	B0AACK000004	DIODE SI	
D4209	1SS119	DIODE SI	
D6001	B3EA00000072	SENSOR LED	
D6002	MA2C165001VT	DIODE SI	
D6002	B0AACK000004	DIODE SI	
D6002	1SS119	DIODE SI	
D6003	MA2C165001VT	DIODE SI	
D6003	B0AACK000004	DIODE SI	
D6003	1SS119	DIODE SI	
D6004	MA2C165001VT	DIODE SI	
D6004	B0AACK000004	DIODE SI	
D6004	1SS119	DIODE SI	
D6005	MA2C165001VT	DIODE SI	
D6005	B0AACK000004	DIODE SI	
D6005	1SS119	DIODE SI	
D6201	MA2C165001VT	DIODE SI	
D6201	B0AACK000004	DIODE SI	
D6201	1SS119	DIODE SI	
D6202	MA2C165001VT	DIODE SI	
D6202	B0AACK000004	DIODE SI	
D6202	1SS119	DIODE SI	

RESISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
R1001	VRESC2TK275	CARBON 1/2W 2.7M	⚠
R1001	VRESC2TK275C	CARBON 1/2W 2.7M	⚠
R1001	VRESC2TK275T	CARBON 1/2W 2.7M	⚠
R1012	ERD25FJ100P	CARBON 1/4W 10	⚠
R1012	ERD25FPJ100P	CARBON 1/4W 10	⚠
R1012	VRESF4FJ100P	CARBON 1/4W 10	⚠
R1013	ERD25FJ100P	CARBON 1/4W 10	⚠
R1013	ERD25FPJ100P	CARBON 1/4W 10	⚠
R1013	VRESF4FJ100P	CARBON 1/4W 10	⚠
R1014	ERJ6GEYJ222V	MGF CHIP 1/10W 2.2K	
R1015	ERJ6GEYJ221V	MGF CHIP 1/10W 220	
R1016	ERJ6GEYJ472V	MGF CHIP 1/10W 4.7K	
R1017	D1BD2431A016	MGF CHIP 2.43K	
R1018	D0HD222ZA002	MGF CHIP 2.2K	
R1019	ERX2SJR22P	METAL FILM 2W 0.22	
R1020	ERJ6GEYJ103V	MGF CHIP 1/10W 10K	
R1021	ERJ6GEYJ822V	MGF CHIP 1/10W 8.2K	
R1022	ERJ6GEYJ103V	MGF CHIP 1/10W 10K	
R1023	ERJ6GEYJ103V	MGF CHIP 1/10W 10K	
R1024	ERJ6GEYJ472V	MGF CHIP 1/10W 4.7K	
R1025	ERJ6GEYJ822V	MGF CHIP 1/10W 8.2K	
R1026	ERDS1TJ182T	CARBON 1/2W 1.8K	
R1027	ERDS1TJ182T	CARBON 1/2W 1.8K	
R1028	ERDS2TJ153	CARBON 1/4W 15K	
R1029	ERDS2TJ331	CARBON 1/4W 330	
R1030	ERDS2TJ153	CARBON 1/4W 15K	
R1031	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
R1032	ERJ6GEYJ681V	MGF CHIP 1/10W 680	
R1033	ERDS2TJ153	CARBON 1/4W 15K	
R1034	ERJ6GEYJ681V	MGF CHIP 1/10W 680	
R1035	ERDS2TJ153	CARBON 1/4W 15K	
R1037	ERJ6GEYJ104V	MGF CHIP 1/10W 100K	
R1038	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
R1039	ERJ6GEYJ472V	MGF CHIP 1/10W 4.7K	
R1042	ERJ6GEYJ101V	MGF CHIP 1/10W 100	
R1043	ERJ6GEYJ104V	MGF CHIP 1/10W 100K	
R1045	ERDS2TJ102	CARBON 1/4W 1K	
R1046	ERDS2TJ105T	CARBON 1/4W 1M	
R1047	ERDS2TJ105T	CARBON 1/4W 1M	
R1050	ERDS2TJ152	CARBON 1/4W 1.5K	
R1051	ERJ6GEYJ331V	MGF CHIP 1/10W 330	
R1052	ERG1SJ331P	METAL OXIDE 1W 330	
R1053	ERJ6GEYJ2R2V	MGF CHIP 1/10W 2.2	
R1054	ERJ6GEYJ331V	MGF CHIP 1/10W 330	
R1055	ERDS2TJ101	CARBON 1/4W 100	
R1202	ERJ6GEYJ103V	MGF CHIP 1/10W 10K	
R1203	ERDS2TJ123T	CARBON 1/4W 12K	
R1204	ERJ6GEYJ681V	MGF CHIP 1/10W 680	
R1205	ERJ6GEYJ223V	MGF CHIP 1/10W 22K	
R1206	ERJ6GEYJ154V	MGF CHIP 1/10W 150K	
R1207	ERDS2TJ473T	CARBON 1/4W 47K	
R1208	ERJ6GEYJ223V	MGF CHIP 1/10W 22K	
R1209	ERDS2TJ152	CARBON 1/4W 1.5K	
R1210	ERDS2TJ152	CARBON 1/4W 1.5K	

Ref. No.	Part No.	Part Name & Description	Remarks
R1301	ERDS2TJ123T	CARBON 1/4W 12K	
R1302	ERDS2TJ153	CARBON 1/4W 15K	
R1303	ERDS2TJ153	CARBON 1/4W 15K	
R1304	ERJ3GEYJ681V	MGF CHIP 1/16W 680	
R1305	ERJ3GEYJ122V	MGF CHIP 1/16W 1.2K	
R3001	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R3002	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R3003	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R3004	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K	
R3005	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R3006	ERDS2TJ152	CARBON 1/4W 1.5K	
R3007	ERDS2TJ152	CARBON 1/4W 1.5K	
R3010	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3012	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3013	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R3014	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R3015	ERJ3GEYJ750V	MGF CHIP 1/16W 75	
R3016	ERJ3GEYJ104V	MGF CHIP 1/16W 100K	
R3017	ERJ3EKF1002V	MGF CHIP1/16W 10K	
R3018	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R3019	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3020	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R3021	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R3022	ERDS2TJ750T	CARBON 1/4W 75	
R3023	ERDS2TJ750T	CARBON 1/4W 75	
R3024	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3025	ERDS2TJ750T	CARBON 1/4W 75	
R3027	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3029	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R3031	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3032	ERJ3GEYJ685V	MGF CHIP 1/16W 6.8M	
R3033	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3035	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3036	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3037	ERDS2TJ750T	CARBON 1/4W 75	
R3041	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3044	ERDS2TJ750T	CARBON 1/4W 75	
R3045	ERDS2TJ750T	CARBON 1/4W 75	
R3049	ERDS2TJ750T	CARBON 1/4W 75	
R3050	ERJ3GEYJ750V	CARBON CHIP 1/16W 75	
R3051	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R3052	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3053	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4011	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4012	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R4015	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R4018	ERJ3EKF1002V	MGF CHIP1/16W 10K	
R4061	ERJ3GEYJ334V	MGF CHIP 1/16W 330K	
R4062	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4063	ERJ3GEYJ271V	MGF CHIP 1/16W 270	
R4071	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R4081	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4084	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4085	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4101	ERJ3GEYJ124V	MGF CHIP 1/16W 120K	
R4102	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R4103	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	

Ref. No.	Part No.	Part Name & Description	Remarks
R4201	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4202	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4203	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4204	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4205	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4206	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4207	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4208	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4209	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4210	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4213	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4214	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4215	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4216	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4218	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4224	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R4225	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4226	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R4227	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4228	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4229	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R4230	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4231	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4234	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4235	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4236	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4237	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R4238	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R4239	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4240	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R4243	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4244	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4316	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4317	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4318	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4319	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4320	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4321	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4322	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4323	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4324	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4328	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4453	ERJ3GEYJ393V	MGF CHIP 1/16W 39K	
R4455	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R4601	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R4802	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R4903	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6001	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6002	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6003	ERJ3GEYJ272V	MGF CHIP 1/16W 2.7K	
R6004	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6006	ERDS2TJ151T	CARBON 1/4W 150	
R6007	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6008	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R6009	ERJ3GEYJ391V	MGF CHIP 1/16W 390	
R6010	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6011	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	

Ref. No.	Part No.	Part Name & Description	Remarks
R6012	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6015	ERDS2TJ560T	CARBON 1/4W 56	
R6016	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6017	ERJ3GEYJ475V	MGF CHIP 1/16W 4.7M	
R6018	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R6019	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R6020	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6021	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6023	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R6025	ERJ3GEYJ223V	MGF CHIP 1/16W 22K (E,F)	
R6026	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6027	ERDS2TJ121T	CARBON 1/4W 120	
R6029	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6030	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6031	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6033	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6034	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6035	ERJ3GEYJ561V	MGF CHIP 1/16W 560	
R6036	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R6037	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6038	ERJ3GEYJ471V	MGF CHIP 1/16W 470	
R6040	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6041	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6045	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6048	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6049	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6050	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6051	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6053	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6056	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R6057	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6058	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6059	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6060	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6061	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6062	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6064	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6065	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6066	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6067	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6068	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6069	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6070	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6071	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6072	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6074	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6075	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6077	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6079	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6080	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6084	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6087	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6090	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6091	ERJ3EKF1002V	MGF CHIP1/16W 10K	
R6092	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6095	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6096	ERJ3GEY0R00V	MGF CHIP 1/16W 0	

Ref. No.	Part No.	Part Name & Description	Remarks
R6097	ERJ3EKF2202V	PRECISION METAL FILM 1/16W 22K	
R6098	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6100	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R6102	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6103	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6104	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6105	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6108	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6113	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6114	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6116	ERJ3GEYJ223V	MGF CHIP 1/16W 22K (A,B,C)	
R6117	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6118	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6201	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K	
R6202	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R6203	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6204	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6205	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6206	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6207	ERDS2TJ473T	CARBON 1/4W 47K	
R6208	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6209	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6210	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6211	ERJ3GEYJ1R2V	CARBON CHIP 1/16W 1.2	
R6212	ERJ3GEYJ1R5V	CARBON CHIP 1/16W 1.5	
R6213	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6214	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R6215	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6216	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6223	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6226	ERJ3GEYJ561V	MGF CHIP 1/16W 560	
R6227	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6228	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6229	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6231	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6234	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6302	ERDS2TJ3R3	CARBON 1/4W 3.3	
R6303	ERDS2TJ470	CARBON 1/4W 47	
R6310	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6311	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6312	ERJ3GEYJ123V	MGF CHIP 1/16W 12K	
R6313	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6314	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6315	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6316	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6317	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6683	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R6684	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R7011	ERJ3GEYJ221V	MGF CHIP 1/16W 220	

CAPACITORS

Ref. No.	Part No.	Part Name & Description	Remarks
C1004	F0CAF104A021	POLYESTER 125V 0.1UF	⚠
C1005	ECKATS332ME8	CERAMIC 250V 3300PF	⚠
C1005	ECKDNB332ME8	CERAMIC 125V 3300PF	⚠
C1005	ECKETS332ME8	CERAMIC 125V 3300PF	⚠
C1005	VCKST3G332MX	CERAMIC 250V 3300PF	⚠
C1005	VCKSU3D332MX	CERAMIC 125V 3300PF	⚠
C1007	ECEA2DU121YE	ELECTROLYTIC 200V 120UF	⚠
C1007	F2A2D1210001	ELECTROLYTIC 200V 120UF	⚠
C1007	F2A2D1210003	ELECTROLYTIC 200V 120UF	⚠
C1007	VCESR2D121XE	ELECTROLYTIC 200V 120UF	⚠
C1024	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1025	EEUFF1E471B	ELECTROLYTIC 25V 470UF	
C1026	ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C1027	EEUFF0J222E	ELECTROLYTIC 6.3V/2200UF	
C1028	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1029	ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C1030	ECJ2VB1C104K	C CHIP 16V 0.1UF	
C1031	ECA0JM471	ELECTROLYTIC 6.3V 470UF	
C1032	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
C1033	ECA0JM102B	ELECTROLYTIC 6.3V 1000UF	
C1034	ECA0JM102B	ELECTROLYTIC 6.3V 1000UF	
C1035	ECA1EM331B	ELECTROLYTIC 25V 330UF	
C1037	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1039	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1040	ECA0JM102B	ELECTROLYTIC 6.3V 1000UF	
C1041	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1043	ECEA1CKA470	ELECTROLYTIC 16V 47UF	
C1045	ECJ2YB1C334K	C CHIP 16V 0.33UF	
C1046	ECEA1EKA100I	ELECTROLYTIC 25V 10UF	
C1049	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1050	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1051	ECEA1CKA470	ELECTROLYTIC 16V 47UF	
C1052	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C1053	ECJ2FB1C105K	C CHIP 16V 1UF	
C1054	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1056	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1057	ECEA0JEE101	ELECTROLYTIC 6.3V 100UF	
C1059	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1060	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1063	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1065	ECKATS332ME8	CERAMIC 250V 3300PF	⚠
C1065	ECKDNB332ME8	CERAMIC 125V 3300PF	⚠
C1065	ECKETS332ME8	CERAMIC 125V 3300PF	⚠
C1065	VCKST3G332MX	CERAMIC 250V 3300PF	⚠
C1065	VCKSU3D332MX	CERAMIC 125V 3300PF	⚠
C1066	ECA1CM331B	ELECTROLYTIC 16V 330UF	
C1072	ECKN3A272KBP	CERAMIC 1KV 2700PF	
C1073	ECKN3A271KBP	CERAMIC 1KV 270PF	
C1074	ECQB1H473KF3	POLYESTER 50V 0.047UF	
C1075	ECQB1H223JF3	POLYESTER 50V 0.022UF	
C1076	ECQB1H104JF3	POLYESTER 50V 0.1UF	
C1077	ECQB1H103JF3	POLYESTER 50V 0.01UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C1201	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1202	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1203	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1204	ECEA1CKA220	ELECTROLYTIC 16V 22UF	
C1301	ECA1EM101I	ELECTROLYTIC 25V 100UF	
C1303	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1304	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1305	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1306	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C3001	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3002	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3003	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3004	ECJ1VC1H151J	C CHIP 50V 150PF	
C3005	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3006	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3007	ECJ1VC1H330J	C CHIP 50V 33PF	
C3008	ECEA1HKA4R7	ELECTROLYTIC 50V 4.7UF	
C3009	ECJ1VB1A105K	C CHIP 10V 1UF	
C3010	ECJ1VB1A105K	C CHIP 10V 1UF	
C3011	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C3012	ECJ1VB1A224K	C CHIP 10V 0.22UF	
C3013	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3015	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3016	ECJ1VB1A105K	C CHIP 10V 1UF	
C3017	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3019	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3020	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C3021	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3022	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C3023	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3025	ECJ1VC1H331J	C CHIP 50V 330PF	
C3027	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C3028	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C3029	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C3030	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C3031	ECJ1VB1A224K	C CHIP 10V 0.22UF	
C3032	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C3033	ECJ1VB1A105K	C CHIP 10V 1UF	
C3034	ECJ1VC1H020C	C CHIP 50V 2PF +-0.25PF	
C3035	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3036	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C3037	ECEA1HKA2R2	ELECTROLYTIC 50V 2.2UF	
C3038	ECJ1VB1H472K	C CHIP 50V 4700PF	
C3039	ECJ1VB1E333K	C CHIP 25V 0.033UF	
C3040	ECJ1VB0J474K	C CHIP 6.3V0.47UF	
C3041	ECJ1VB1C223K	C CHIP 25V 0.022UF	
C3042	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C3044	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3047	ECJ1VF1C104Z	C CHIP 16V 0.1UF (A,B,C)	
C3047	ECJ1VF1E104Z	C CHIP 25V 0.1UF (E,F)	
C3049	ECJ1VC1H560J	C CHIP 50V 56PF	
C3050	ECJ1VC1H560J	C CHIP 50V 56PF	
C3051	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3052	ECJ1VF1C104Z	C CHIP 16V 0.1UF (A,B,C)	
C3052	ECJ1VF1E104Z	C CHIP 25V 0.1UF (E,F)	
C3053	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3055	ECJ1VF1E104Z	C CHIP 25V 0.1UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C3058	ECA0JM471	ELECTROLYTIC 6.3V 470UF	
C3059	ECJ1VB1H102K	C CHIP 50V 1000PF	
C3062	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3063	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C3064	ECJ1VB1A105K	C CHIP 10V 1UF	
C3066	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4010	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4016	ECJ1VC1H150J	C CHIP 50V 15PF	
C4018	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	
C4041	ECEA1HKA2R2	ELECTROLYTIC 50V 2.2UF	
C4042	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4051	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C4052	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C4053	ECJ1VB1H102K	C CHIP 50V 1000PF	
C4061	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4062	ECEA1CKA330B	ELECTROLYTIC 16V 33UF	
C4063	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C4064	ECJ1VB1H182K	C CHIP 50V 0.0018UF	
C4065	ECJ1VB1H182K	C CHIP 50V 0.0018UF	
C4082	ECJ1VB1H471K	C CHIP 50V 470PF	
C4102	ECQB1562JF	POLYESTER 100V 5600PF	
C4103	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4104	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4106	ECEA1CKS220I	ELECTROLYTIC 16V 22UF	
C4201	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4202	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4203	ECEA0JKA330	ELECTROLYTIC 6.3V 33UF	
C4204	ECEA0JKA330	ELECTROLYTIC 6.3V 33UF	
C4205	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4206	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4207	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4208	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4209	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4210	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4211	ECJ1VB1E153K	C CHIP 25V 0.015UF	
C4212	ECJ1VB1E153K	C CHIP 25V 0.015UF	
C4213	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4214	ECEA1CKA101	ELECTROLYTIC 16V 100UF	
C4216	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4217	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	
C4218	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4219	ECEA1HKA010	ELECTROLYTIC 50V 1UF	
C4227	ECJ1VF1C224Z	C CHIP 16V 0.22UF	
C4229	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4230	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C4239	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4240	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4241	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4242	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4317	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4318	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4319	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4320	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4321	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4322	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4323	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4324	ECEA1CKA100	ELECTROLYTIC 16V 10UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C4325	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4326	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4451	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4452	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4455	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4456	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4458	ECJ1VF1C104Z	C CHIP 16V 0.1UF	
C4459	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C4601	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4603	ECJ1VB1H152K	C CHIP 50V 1500PF	
C4801	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4802	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4803	ECJ1VC1H270J	C CHIP 50V 27PF	
C4901	ECEA1HKA010	ELECTROLYTIC 50V 1UF	
C4902	ECEA1HKA2R2	ELECTROLYTIC 50V 2.2UF	
C4903	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C4904	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C4905	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4906	ECEA1HKA010	ELECTROLYTIC 50V 1UF	
C4911	ECJ1VB1E223K	C CHIP 25V 0.022UF	
C4912	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4913	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4917	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4918	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4919	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4920	ECJ1VB1E223K	C CHIP 25V 0.022UF	
C5001	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5002	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5003	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5004	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5005	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C5006	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6003	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C6006	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6007	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6008	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C6009	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6010	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C6014	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C6016	ECJ2VB1E104K	C CHIP 25V 0.1UF	
C6017	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C6020	ECJ1VC1H101J	C CHIP 50V 100PF	
C6021	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6022	ECJ1VC1H180J	C CHIP 50V 18PF	
C6027	ECJ1VB1H471K	C CHIP 50V 470PF	
C6028	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C6029	ECJ1VC1H270J	C CHIP 50V 27PF	
C6030	ECJ1VC1H220J	C CHIP 50V 22PF	
C6031	ECJ1VC1H820J	C CHIP 50V 82PF	
C6033	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6034	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C6035	ECJ1VF1A105Z	C CHIP 10V 1UF	
C6038	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6039	ECJ1VB1H333K	C CHIP 50V 0.033UF	
C6040	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6041	ECJ1VC1H561J	C CHIP 50V 560PF	
C6049	ECJ1VF1H103Z	C CHIP 50V 0.01UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C6063	ECJ1VF1A105Z	C CHIP 10V 1UF	
C6201	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C6202	ECJ1VB1H392K	C CHIP 50V 3900PF	
C6203	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6204	ECJ1VC1H681J	C CHIP 50V 680PF	
C6205	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C6206	ECEA0JKN220I	ELECTROLYTIC 6.3V 22UF	
C6207	ECJ1VC1H330J	C CHIP 50V 33PF	
C6208	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6209	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6210	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6211	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6212	ECA1EM221B	ELECTROLYTIC 25V 220	
C6213	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C6214	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6215	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6216	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6217	ECA1EM101I	ELECTROLYTIC 25V 100UF	
C6218	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C6219	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6220	ECJ1VB1H182K	C CHIP 50V 0.0018UF	
C6221	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6222	ECJ1VF1A105Z	C CHIP 10V 1UF	
C6223	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6224	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C6225	ECJ1VB1H223K	C CHIP 50V 0.022UF	
C6226	ECJ1VB1H223K	C CHIP 50V 0.022UF	
C6227	ECJ1VB1A224K	C CHIP 10V 0.22UF	
C6228	ECJ1VB1E104K	C CHIP 25V 0.1UF	
C6229	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C6231	ECJ1VC1H101J	C CHIP 50V 100PF	
C6232	ECJ1VC1H101J	C CHIP 50V 100PF	
C6303	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C6304	F2A0J331A283	ELECTROLYTIC 6.3V 330UF	
C6307	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C7001	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C7010	ECJ1VB1H102K	C CHIP 50V 1000PF	
C7021	ECJ1VC1H270J	C CHIP 50V 27PF	
C7022	ECJ1VC1H270J	C CHIP 50V 27PF	

COILS

Ref. No.	Part No.	Part Name & Description	Remarks
L1001	G0B183E00002	LINE FILTER 0.5A 18MH	⚠
L1001	ELF15N005A	LINE FILTER 0.5A 18MH	⚠
L1001	J0HBLD000001	LINE FILTER 0.5A 18MH	⚠
L1004	VLQSAB7D100K	COIL 10UH	
L1005	G0A220G00018	COIL 22UH	
L1006	G0A100H00014	COIL 10UH	
L1007	ELEXT101KE04	COIL 100UH	
L1008	VLQSAB7D220K	COIL 22UH	
L1010	J1ZZA0000001	RESONANT SNUBBER	
L1011	G0A100H00014	COIL 10UH	
L3001	G0C271JA0019	COIL 270UH	
L3004	G1C120J00001	COIL CHIP 12UH	
L3008	ELESN101KA	COIL 100UH	
L3010	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3011	ELEXT150KE04	COIL 15UH	
L3012	ELEXT680KE04	COIL 68UH	
L3013	ELEXT330KE04	COIL 33UH	
L3014	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3015	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3016	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3017	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3018	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L4077	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L4078	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L4101	ELESN471KA	COIL 470UH	
L4201	ELESN101KA	COIL 100UH	
L4303	ELESN101KA	COIL 100UH	
L4801	ELESN220KA	COIL 22UH	
L4804	J0JCC0000160	EMI FILTER CHIP	
L5001	ELEXT560KE04	COIL 56UH	
L6002	G0C4R7JA0019	CHIP BEAD INDUCTOR	
L6003	ELEXT680KE04	COIL 68UH	
L6004	ELEXT101KE04	COIL 100UH	
L6302	ELESN470KA	COIL 47UH	
L7003	ELEXT101KE04	COIL 100UH	

CRYSTAL OSCILLATOR

Ref. No.	Part No.	Part Name & Description	Remarks
X3001	H0D357400068	CRYSTAL OSCILLATOR	
X6002	H0D120500017	CRYSTAL OSCILLATOR	

PIN HEADERS

Ref. No.	Part No.	Part Name & Description	Remarks
P1002	VEKS5895	CONNECTOR CABLE W/PLUG	
P3501	K1MN09A00029	CONNECTOR 9P	
P3502	LSEK0540	GROUNDING WIRE	
P4001	K1MZ02A00003	FE CONNECTOR 2P	
P4002	K1MN06A00030	CONNECTOR 6P	
P5001	K1MN24A00057	CONNECTOR 24P	
P6201	K1KA08A00290	CONNECTOR 8P	
P6202	K1KA02A00375	CONNECTOR 2P	
P6203	K1MN07A00017	CONNECTOR 7P	

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW6001	K0ZZ00000598	SWITCH	
SW6002	K0C111A00006	SWITCH	
SW6319	EVQ11A09K	PUSH SWITCH	
SW6320	EVQ11A09K	PUSH SWITCH	
SW6321	EVQ11A09K	PUSH SWITCH	
SW6322	EVQ11A09K	PUSH SWITCH	
SW6323	EVQ11A09K	PUSH SWITCH	
SW6324	EVQ11A09K	PUSH SWITCH	
SW6325	EVQ11A09K	PUSH SWITCH	
SW6326	EVQ11A09K	PUSH SWITCH	
SW6327	EVQ11A09K	PUSH SWITCH	
SW6328	EVQ11A09K	PUSH SWITCH	
SW6329	EVQ11A09K	PUSH SWITCH	

FUSE & PROTECTOR

Ref. No.	Part No.	Part Name & Description	Remarks
F1001	K5D302AQ0003	FUSE 125V 3A	⚠
F1001	K5D302ADA002	FUSE 125V 3A	⚠
F1001	K5D302AD0002	FUSE 125V 3A	⚠
PR1002	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1002	D4FA2R50A002	IC PROTECTOR 1.5A	⚠
PR1003	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1003	D4FA2R50A002	IC PROTECTOR 1.5A	⚠
PR1004	LSSF009A35E	IC PROTECTOR	⚠
PR1005	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1005	D4FA2R50A002	IC PROTECTOR 1.5A	⚠
PR1007	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1007	D4FA2R50A002	IC PROTECTOR 1.5A	⚠

TRANSFORMER

Ref. No.	Part No.	Part Name & Description	Remarks
T1001	ETS29AS1Z5AD	SW TRANSFORMER	⚠
T4101	G2A252C00002	TRANSFORMER	

JACKS

Ref. No.	Part No.	Part Name & Description	Remarks
JK3001	K2HA608B0004	AUDIO/VIDEO JACK SOCKET	
JK3002	K2HA306B0058	AUDIO/VIDEO JACK SOCKET	
JK3003	K1CB105B0035	S-VHS JACK SOCKET	
JK3004	K2HA507B0002	AUDIO/VIDEO JACK SOCKET	
JK4801	K7AABA000002	IC, LINEAR	

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
711	LSSZ0007	INFRARED RECEIVER UNIT	
716	B3CJZ0000005	LED DISPLAY PANEL	
721	LSSC0680	HEAT SINK	
722	XYN3+F10S	SCREW W/WASHER,STEEL	
723	LSSC0708	S JACK FCC PLATE	
741	LSJA0360	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0348	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0358	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0359	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0361	AC CORD W/PLUG,AC 120V	⚠
741	K2CB2CT00002	AC CORD W/PLUG,AC 120V	⚠
743	ENG56D01G1F	TUNER UHF/VHF NR	
771	EYF52BC	FUSE HOLDER	

10.3.2. MAIN C.B.A. (Models: D, G)

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

INTEGRATED CIRCUITS

Ref. No.	Part No.	Part Name & Description	Remarks
IC1002	CNC1S101RLL1	IC, LINEAR	⚠
IC1003	C0DAEMZ00005	IC, LINEAR	
IC1003	B1AZKD000001	IC, LINEAR	
IC1003	C0DAEMZ00001	IC, LINEAR	
IC1004	C0DAEGG00008	IC, LINEAR	
IC3001	C1AB00002002	IC, LINEAR	
IC3002	C1AB00001731	IC, CMOS STANDARD LOGIC	E.S.D.
IC4201	AN3663FBP-V	IC, LINEAR	
IC4301	C0JBAR000338	IC, CMOS STANDARD LOGIC	E.S.D.
IC4302	C0ABBB000256	IC, LINEAR	
IC4303	C0ABBB000256	IC, LINEAR	
IC4304	C0JBAR000344	IC, CMOS STANDARD LOGIC	E.S.D.
IC6001	C2CBHF000332	IC ,16BIT MICROCONTROLLER	E.S.D.
IC6002	B3NAA0000049	PHOTO INTERRUPUTER	
IC6003	B3NAA0000049	PHOTO INTERRUPUTER	
IC6004	LSEQ0740	IC, 1K EEP ROM	E.S.D.
IC6005	C0EBH0000172	IC, CMOS STANDARD LOGIC	E.S.D.
IC6201	C1AB00001767	IC, LINEAR	
IC6303	MN12510F	IC, LOGIC	E.S.D.

TRANSISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
Q1001	B1DEEQ000007	TRANSISTOR FET	⚠
Q1002	B1DEEQ000007	TRANSISTOR FET	⚠
Q1003	2SC3311AHA	TRANSISTOR SI PNP CHIP	
Q1004	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q1004	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q1005	2SC3311AHA	TRANSISTOR SI PNP CHIP	
Q1006	2SD1819A0L	TRANSISTOR SI NPN CHIP	
Q1006	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q1007	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q1007	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q1008	UNR221100L	TRANSISTOR SI NPN CHIP	
Q1008	DTC114EK-TX	TRANSISTOR SI NPN CHIP	
Q1009	B1BACC000010	TRANSISTOR SI NPN	
Q1009	2SD1581-T	TRANSISTOR SI NPN	
Q1010	2SD2396K	TRANSISTOR SI NPN	
Q1011	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1011	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1012	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1012	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1013	B1BACC000010	TRANSISTOR SI NPN	
Q1013	2SD1581-T	TRANSISTOR SI NPN	
Q1014	2SD235800A	TRANSISTOR SI NPN	
Q1014	B1AAQB000002	TRANSISTOR SI NPN	
Q1015	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1015	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1201	UNR211100L	TRANSISTOR SI PNP CHIP	
Q1201	B1GDCFJJ0002	TRANSISTOR SI PNP CHIP	
Q1202	UNR221100L	TRANSISTOR SI NPN CHIP	
Q1202	DTC114EK-TX	TRANSISTOR SI NPN CHIP	
Q1203	UNR221100L	TRANSISTOR SI NPN CHIP	
Q1203	DTC114EK-TX	TRANSISTOR SI NPN CHIP	
Q1206	2SD0602A0L	TRANSISTOR SI NPN CHIP	
Q1209	2SB0709A0L	TRANSISTOR SI PNP CHIP	

Ref. No.	Part No.	Part Name & Description	Remarks
Q1209	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q1210	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q1210	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1301	B1ABGC000001	TRANSISTOR SI NPN CHIP	
Q1301	B1ABGC000003	TRANSISTOR SI NPN CHIP	
Q1302	B1BACC000010	TRANSISTOR SI NPN	
Q1302	2SD1581-T	TRANSISTOR SI NPN	
Q1303	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1303	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q1304	2SD0601AHL	TRANSISTOR SI NPN CHIP	
Q1304	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q3001	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q3001	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q3001	B1ABCF000106	TRANSISTOR SI NPN CHIP	
Q3001	B1ABCF000107	TRANSISTOR SI NPN CHIP	
Q3003	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q3003	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q3003	B1ADCF000077	TRANSISTOR SI PNP CHIP	
Q3003	B1ADCF000078	TRANSISTOR SI PNP CHIP	
Q3005	2SD1819AHL	TRANSISTOR SI NPN CHIP	
Q3005	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q3014	UNR221300L	TRANSISTOR SI NPN CHIP	
Q3014	B1GBCFNN0004	TRANSISTOR SI NPN CHIP	
Q4009	UNR521500L	TRANSISTOR SI NPN CHIP	
Q4009	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	
Q4012	UNR511500L	TRANSISTOR SI PNP CHIP	
Q4012	B1GDCFJJ0025	TRANSISTOR SI PNP CHIP	
Q4081	UNR211100L	TRANSISTOR SI PNP CHIP	
Q4081	B1GDCFJJ0002	TRANSISTOR SI PNP CHIP	
Q4082	2SD1819AHL	TRANSISTOR SI NPN CHIP	
Q4083	2SD1819AHL	TRANSISTOR SI NPN CHIP	
Q4101	2SD0601ARL	TRANSISTOR SI NPN CHIP	
Q4172	UNR221100L	TRANSISTOR SI NPN CHIP	
Q4172	DTC114EK-TX	TRANSISTOR SI NPN CHIP	
Q4304	UNR221200L	TRANSISTOR SI NPN CHIP	
Q4304	B1GBCFLL0002	TRANSISTOR SI NPN CHIP	
Q4306	UNR221200L	TRANSISTOR SI NPN CHIP	
Q4306	B1GBCFLL0002	TRANSISTOR SI NPN CHIP	
Q4307	UNR521200L	TRANSISTOR SI NPN CHIP	
Q4307	B1GBCFLL0012	TRANSISTOR SI NPN CHIP	
Q4307	MUN5212T1	TRANSISTOR SI NPN CHIP	
Q6001	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q6001	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q6002	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q6002	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q6003	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q6003	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q6004	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q6004	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q6005	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q6005	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q6006	VEKS9440	PHOTO SENSOR UNIT	
Q6007	VEKS9440	PHOTO SENSOR UNIT	
Q6008	2SD0601A0L	TRANSISTOR SI NPN CHIP	
Q6008	B1ABCF000011	TRANSISTOR SI NPN CHIP	
Q6009	2SB0709AHL	TRANSISTOR SI PNP CHIP	
Q6010	2SD0601A0L	TRANSISTOR SI NPN CHIP	

Ref. No.	Part No.	Part Name & Description	Remarks
Q6010	B1ABCF000011	TRANSISTOR SI NPN CHIP	

DIODES

Ref. No.	Part No.	Part Name & Description	Remarks
D1002	ERZV07Z361CS	VARISTORS	⚠
D1004	B0EDKR000004	DIODE SI	⚠
D1012	B0JANK000003	DIODE SI	
D1012	B0JAMK000016	DIODE SI	
D1013	B0JAPG000024	DIODE SI	
D1013	B0JAPG000020	DIODE SI	
D1013	B0JAPG000021	DIODE SI	
D1014	B0JANG000006	DIODE SI	
D1015	B0JAME000079	DIODE SI	
D1015	B0JAME000049	DIODE SI	
D1015	B0JANE000011	DIODE SI	
D1015	B0JANE000022	DIODE SI	
D1016	B0HAHP000014	DIODE SI	
D1016	B0HAJP000007	DIODE SI	
D1016	B0HAMP000061	DIODE SI	
D1016	B0HAMP000069	DIODE SI	
D1017	B0HAHP000014	DIODE SI	
D1017	B0HAJP000007	DIODE SI	
D1017	B0HAMP000061	DIODE SI	
D1017	B0HAMP000069	DIODE SI	
D1018	B0JAMD000012	DIODE SI	
D1018	B0JAGE000001	DIODE SI	
D1018	B0JAME000082	DIODE SI	
D1019	B0HAGM000006	DIODE SI	
D1020	B0AAML000001	DIODE SI	
D1020	B0EAKL000008	DIODE SI	
D1021	B0AAML000001	DIODE SI	
D1021	B0EAKL000008	DIODE SI	
D1022	B0AAML000001	DIODE SI	
D1022	B0EAKL000008	DIODE SI	
D1023	MAZ4047NMF	DIODE ZENER 4.7V	
D1024	MA4051N-HTA	DIODE ZENER 5.1V	
D1025	MAZ4100NHF	DIODE ZENER 10V	
D1025	RD10JSAB3	DIODE ZENER 10V	
D1026	MA2C165001VT	DIODE SI	
D1026	B0AACK000004	DIODE SI	
D1026	1SS119	DIODE SI	
D1027	MA2C165001VT	DIODE SI	
D1027	B0AACK000004	DIODE SI	
D1027	1SS119	DIODE SI	
D1030	B0AAML000001	DIODE SI	
D1030	B0EAKL000008	DIODE SI	
D1032	MAZ40360MF	DIODE ZENER 3.6V (D)	
D1032	MAZ40270LF	DIODE ZENER 2.7V (G)	
D1033	MA2C165001VT	DIODE SI	
D1033	B0AACK000004	DIODE SI	
D1033	1SS119	DIODE SI	
D1034	MA2C165001VT	DIODE SI	
D1034	B0AACK000004	DIODE SI	
D1034	1SS119	DIODE SI	

Ref. No.	Part No.	Part Name & Description	Remarks
D1035	B0HAHP000014	DIODE SI	
D1035	B0HAJP000007	DIODE SI	
D1035	B0HAMP000061	DIODE SI	
D1035	B0HAMP000069	DIODE SI	
D1041	MAZ22000A	DIODE ZENER 20V	⚠
D1042	B0AAML000001	DIODE SI	
D1042	B0EAKL000008	DIODE SI	
D1043	B0AAML000001	DIODE SI	
D1043	B0EAKL000008	DIODE SI	
D1201	MA2C165001VT	DIODE SI	
D1201	B0AACK000004	DIODE SI	
D1201	1SS119	DIODE SI	
D1204	MAZ41200MF	DIODE ZENER 12V	
D1301	B0AAML000001	DIODE SI	
D1301	B0EAKL000008	DIODE SI	
D1302	B0AAML000001	DIODE SI	
D1302	B0EAKL000008	DIODE SI	
D1303	MAZ4047NMF	DIODE ZENER 4.7V	
D1304	MAZ4110NHF	DIODE ZENER 11V	
D4209	MA2C165001VT	DIODE SI	
D4209	B0AACK000004	DIODE SI	
D4209	1SS119	DIODE SI	
D6001	B3EA00000072	SENSOR LED	
D6002	MA2C165001VT	DIODE SI	
D6002	B0AACK000004	DIODE SI	
D6002	1SS119	DIODE SI	
D6003	MA2C165001VT	DIODE SI	
D6003	B0AACK000004	DIODE SI	
D6003	1SS119	DIODE SI	
D6004	MA2C165001VT	DIODE SI	
D6004	B0AACK000004	DIODE SI	
D6004	1SS119	DIODE SI	
D6005	MA2C165001VT	DIODE SI	
D6005	B0AACK000004	DIODE SI	
D6005	1SS119	DIODE SI	
D6201	MA2C165001VT	DIODE SI	
D6201	B0AACK000004	DIODE SI	
D6201	1SS119	DIODE SI	
D6202	MA2C165001VT	DIODE SI	
D6202	B0AACK000004	DIODE SI	
D6202	1SS119	DIODE SI	
D6203	B3AEA0000044	LED	
D6324	MAZ40560MF	DIODE ZENER 5.6V	

RESISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
R1001	VRESC2TK275	CARBON 1/2W 2.7M	⚠
R1001	VRESC2TK275C	CARBON 1/2W 2.7M	⚠
R1001	VRESC2TK275T	CARBON 1/2W 2.7M	⚠
R1012	ERD25FJ100P	CARBON 1/4W 10	⚠
R1012	ERD25FPJ100P	CARBON 1/4W 10	⚠
R1012	VRESF4FJ100P	CARBON 1/4W 10	⚠
R1013	ERD25FJ100P	CARBON 1/4W 10	⚠
R1013	ERD25FPJ100P	CARBON 1/4W 10	⚠
R1013	VRESF4FJ100P	CARBON 1/4W 10	⚠
R1014	ERJ6GEYJ222V	MGF CHIP 1/10W 2.2K	
R1015	ERJ6GEYJ221V	MGF CHIP 1/10W 220	
R1016	ERJ6GEYJ102V	MGF CHIP 1/10W 1K (D)	
R1016	ERJ6GEYJ472V	MGF CHIP 1/10W 4.7K (G)	
R1017	D1BD2431A016	MGF CHIP 2.43K	
R1018	D0HD222ZA002	MGF CHIP 2.2K	
R1019	ERX2SJR22P	METAL FILM 2W 0.22	
R1020	ERJ6GEYJ103V	MGF CHIP 1/10W 10K	
R1021	ERJ6GEYJ822V	MGF CHIP 1/10W 8.2K	
R1022	ERJ6GEYJ103V	MGF CHIP 1/10W 10K	
R1023	ERJ6GEYJ103V	MGF CHIP 1/10W 10K	
R1024	ERJ6GEYJ472V	MGF CHIP 1/10W 4.7K	
R1025	ERJ6GEYJ822V	MGF CHIP 1/10W 8.2K	
R1026	ERDS1TJ182T	CARBON 1/2W 1.8K	
R1027	ERDS1TJ182T	CARBON 1/2W 1.8K	
R1028	ERDS2TJ153	CARBON 1/4W 15K	
R1029	ERDS2TJ331	CARBON 1/4W 330	
R1030	ERDS2TJ153	CARBON 1/4W 15K	
R1031	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
R1032	ERJ6GEYJ681V	MGF CHIP 1/10W 680	
R1033	ERDS2TJ153	CARBON 1/4W 15K	
R1034	ERJ6GEYJ681V	MGF CHIP 1/10W 680	
R1035	ERDS2TJ153	CARBON 1/4W 15K	
R1037	ERJ6GEYJ104V	MGF CHIP 1/10W 100K	
R1038	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
R1039	ERJ6GEYJ472V	MGF CHIP 1/10W 4.7K	
R1042	ERJ6GEYJ101V	MGF CHIP 1/10W 100	
R1043	ERJ6GEYJ104V	MGF CHIP 1/10W 100K	
R1045	ERDS2TJ102	CARBON 1/4W 1K	
R1046	ERDS2TJ105T	CARBON 1/4W 1M	
R1047	ERDS2TJ105T	CARBON 1/4W 1M	
R1050	ERDS2TJ472T	CARBON 1/4W 4700 (D)	
R1050	ERDS2TJ152	CARBON 1/4W 1.5K (G)	
R1051	ERJ6GEYJ331V	MGF CHIP 1/10W 330	
R1052	ERG1SJ331P	METAL OXIDE 1W 330	
R1053	ERJ6GEYJ5R6V	MGF CHIP 1/10W 5.6 (D)	
R1053	ERJ6GEYJ2R2V	MGF CHIP 1/10W 2.2 (G)	
R1054	ERJ6GEYJ330V	MGF CHIP 1/10W 33 (D)	
R1054	ERJ6GEYJ331V	MGF CHIP 1/10W 330 (G)	
R1055	ERDS2TJ101	CARBON 1/4W 100	
R1201	ERJ6GEYJ682V	MGF CHIP 1/10W 6.8K	
R1205	ERJ6GEYJ223V	MGF CHIP 1/10W 22K	
R1206	ERJ6GEYJ154V	MGF CHIP 1/10W 150K	
R1207	ERDS2TJ473T	CARBON 1/4W 47K	
R1208	ERJ6GEYJ223V	MGF CHIP 1/10W 22K	

Ref. No.	Part No.	Part Name & Description	Remarks
R1209	ERDS2TJ152	CARBON 1/4W 1.5K	
R1210	ERDS2TJ152	CARBON 1/4W 1.5K	
R1301	ERDS2TJ123T	CARBON 1/4W 12K	
R1302	ERDS2TJ153	CARBON 1/4W 15K	
R1303	ERDS2TJ153	CARBON 1/4W 15K	
R1304	ERJ3GEYJ681V	MGF CHIP 1/16W 680	
R1305	ERJ3GEYJ122V	MGF CHIP 1/16W 1.2K	
R3001	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R3002	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R3003	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R3004	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K	
R3005	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R3006	ERDS2TJ152	CARBON 1/4W 1.5K	
R3007	ERDS2TJ152	CARBON 1/4W 1.5K	
R3010	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3012	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3013	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R3014	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R3015	ERJ3GEYJ750V	CARBON CHIP 1/16W 75	
R3016	ERJ3GEYJ104V	MGF CHIP 1/16W 100K	
R3017	ERJ3EKF1002V	MGF CHIP 1/16W 10K	
R3018	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R3019	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3020	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R3021	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R3022	ERDS2TJ750T	CARBON 1/4W 75	
R3023	ERDS2TJ750T	CARBON 1/4W 75	
R3024	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3025	ERDS2TJ750T	CARBON 1/4W 75	
R3027	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3029	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R3031	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3032	ERJ3GEYJ685V	MGF CHIP 1/16W 6.8M	
R3033	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3035	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3036	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3037	ERDS2TJ750T	CARBON 1/4W 75	
R3041	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R3044	ERDS2TJ750T	CARBON 1/4W 75	
R3045	ERDS2TJ750T	CARBON 1/4W 75	
R3049	ERDS2TJ750T	CARBON 1/4W 75	
R3050	ERJ3GEYJ750V	CARBON CHIP 1/16W 75	
R3051	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R3052	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R3053	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4011	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4012	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R4015	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R4018	ERJ3EKF1002V	MGF CHIP 1/16W 10K	
R4061	ERJ3GEYJ334V	MGF CHIP 1/16W 330K	
R4062	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4063	ERJ3GEYJ271V	MGF CHIP 1/16W 270	
R4071	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R4081	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4084	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4085	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4101	ERJ3GEYJ124V	MGF CHIP 1/16W 120K	

Ref. No.	Part No.	Part Name & Description	Remarks
R4102	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R4103	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4201	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4202	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4203	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4204	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4205	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4206	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R4207	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4208	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R4209	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4210	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4213	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4214	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4215	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4216	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4218	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4224	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R4225	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4226	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R4227	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4228	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4229	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R4230	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4231	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R4234	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4235	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4236	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4239	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R4240	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R4243	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R4244	ERJ3GEYJ333V	MGF CHIP 1/16W 33K	
R4245	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R4246	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R4303	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4304	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4305	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4306	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R4316	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4317	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4318	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4319	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4320	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4328	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R4329	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R4453	ERJ3GEYJ393V	MGF CHIP 1/16W 39K	
R4455	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R4601	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R4802	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R4903	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6001	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6002	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6003	ERJ3GEYJ272V	MGF CHIP 1/16W 2.7K	
R6004	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6006	ERDS2TJ151T	CARBON 1/4W 150	
R6007	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6008	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	

Ref. No.	Part No.	Part Name & Description	Remarks
R6009	ERJ3GEYJ391V	MGF CHIP 1/16W 390	
R6010	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6011	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6012	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6015	ERDS2TJ560T	CARBON 1/4W 56	
R6016	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6017	ERJ3GEYJ475V	MGF CHIP 1/16W 4.7M	
R6018	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R6019	ERJ3GEYJ152V	MGF CHIP 1/16W 1.5K	
R6020	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6021	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6023	ERJ3GEYJ332V	MGF CHIP 1/16W 3.3K	
R6025	ERJ3GEYJ223V	MGF CHIP 1/16W 22K (G)	
R6026	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6027	ERDS2TJ121T	CARBON 1/4W 120	
R6029	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6030	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6031	ERJ3GEYJ273V	MGF CHIP 1/16W 27K	
R6033	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6034	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6035	ERJ3GEYJ561V	MGF CHIP 1/16W 560	
R6036	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R6037	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6038	ERJ3GEYJ471V	MGF CHIP 1/16W 470	
R6040	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6041	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6045	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6047	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6048	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6049	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6050	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6051	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6053	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6056	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R6057	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6058	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6059	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6060	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6061	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6062	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6064	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6065	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6066	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6067	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6068	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6069	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6070	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6071	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6072	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6074	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6075	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6077	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6079	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6080	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6084	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6087	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6090	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	

Ref. No.	Part No.	Part Name & Description	Remarks
R6091	ERJ3EKF1002V	MGF CHIP1/16W 10K	
R6092	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6095	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6096	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6097	ERJ3EKF2202V	PRECISION METAL FILM 1/16W 22K	
R6098	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6100	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R6102	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6103	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6104	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6105	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6108	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6113	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6114	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6116	ERJ3GEYJ223V	MGF CHIP 1/16W 22K (D)	
R6117	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R6118	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6201	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K	
R6202	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R6203	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6204	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6205	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6206	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6207	ERDS2TJ473T	CARBON 1/4W 47K	
R6208	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6209	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6210	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R6211	ERJ3GEYJ1R2V	CARBON CHIP 1/16W 1.2	
R6212	ERJ3GEYJ1R5V	CARBON CHIP 1/16W 1.5	
R6213	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6214	ERJ3GEYJ183V	MGF CHIP 1/16W 18K	
R6215	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R6216	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R6223	ERJ3GEYJ562V	MGF CHIP 1/16W 5.6K	
R6226	ERJ3GEYJ561V	MGF CHIP 1/16W 560	
R6227	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6228	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6229	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R6231	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R6232	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R6233	ERDS2TJ391T	CARBON 1/4W 390	
R6234	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R6301	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6302	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6303	ERDS2TJ470	CARBON 1/4W 47	
R6304	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6305	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6306	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6307	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6308	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6309	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6310	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6311	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6312	ERJ3GEYJ123V	MGF CHIP 1/16W 12K	
R6313	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6314	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6315	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	

Ref. No.	Part No.	Part Name & Description	Remarks
R6316	ERJ3GEYJ392V	MGF CHIP 1/16W 3.9K	
R6317	ERJ3GEYJ182V	MGF CHIP 1/16W 1.8K	
R6318	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6319	ERJ3GEYJ683V	MGF CHIP 1/16W 68K	
R6320	ERDS2TJ270T	CARBON 1/4W 27	
R6321	ERDS2TJ270T	CARBON 1/4W 27	
R6322	ERDS2T0	CARBON 1/4W 0	
R6353	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R7011	ERJ3GEYJ221V	MGF CHIP 1/16W 220	

CAPACITORS

Ref. No.	Part No.	Part Name & Description	Remarks
C1004	F0CAF104A021	POLYESTER 125V 0.1UF	⚠
C1005	ECKATS332ME8	CERAMIC 250V 3300PF	⚠
C1005	ECKDNB332ME8	CERAMIC 125V 3300PF	⚠
C1005	ECKETS332ME8	CERAMIC 125V 3300PF	⚠
C1005	VCKST3G332MX	CERAMIC 250V 3300PF	⚠
C1005	VCKSU3D332MX	CERAMIC 125V 3300PF	⚠
C1007	ECEA2DU121YE	ELECTROLYTIC 200V 120UF	⚠
C1007	F2A2D1210001	ELECTROLYTIC 200V 120UF	⚠
C1007	F2A2D1210003	ELECTROLYTIC 200V 120UF	⚠
C1007	VCESR2D121XE	ELECTROLYTIC 200V 120UF	⚠
C1020	ECJ2VB1H103K	C CHIP 50V 0.01UF (D)	
C1022	ECJ2VB1H102K	C CHIP 50V 1000PF (D)	
C1023	ECJ2VC1H101J	C CHIP 50V 100PF (D)	
C1024	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1025	EEUFF1E471B	ELECTROLYTIC 25V 470UF	
C1026	ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C1027	EEUFF0J222E	ELECTROLYTIC 6.3V 2200UF	
C1028	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1029	ECA1HHG470B	ELECTROLYTIC 50V 47UF	
C1030	ECJ2VB1C224K	C CHIP 16V 0.22UF (D)	
C1030	ECJ2VB1C104K	C CHIP 16V 0.1UF (G)	
C1031	ECA0JM471	ELECTROLYTIC 6.3V 470UF	
C1032	ECJ2VF1H104Z	C CHIP 50V 0.1UF	
C1033	ECA0JM102B	ELECTROLYTIC 6.3V 1000UF	
C1034	ECA0JM102B	ELECTROLYTIC 6.3V 1000UF	
C1035	ECA1EM331B	ELECTROLYTIC 25V 330UF	
C1037	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1039	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1040	ECA0JM102B	ELECTROLYTIC 6.3V 1000UF	
C1041	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1043	ECEA1CKA470	ELECTROLYTIC 16V 47UF	
C1045	ECJ2YB1C334K	C CHIP 16V 0.33UF	
C1046	ECEA1EKA100I	ELECTROLYTIC 25V 10UF	
C1049	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1050	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1051	ECEA1CKA470	ELECTROLYTIC 16V 47UF	
C1052	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C1053	ECJ2FB1C105K	C CHIP 16V 1UF	
C1054	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1056	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C1057	ECEA0JEE101	ELECTROLYTIC 6.3V 100UF	
C1059	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1060	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1063	ECEA1PEE331	ELECTROLYTIC 18V 330UF	
C1065	ECKATS332ME8	CERAMIC 250V 3300PF	⚠
C1065	ECKDNB332ME8	CERAMIC 125V 3300PF	⚠
C1065	ECKETS332ME8	CERAMIC 125V 3300PF	⚠
C1065	VCKST3G332MX	CERAMIC 250V 3300PF	⚠
C1065	VCKSU3D332MX	CERAMIC 125V 3300PF	⚠
C1066	ECA1CM331B	ELECTROLYTIC 16V 330UF	
C1072	ECKN3A272KBP	CERAMIC 1KV 2700PF	
C1073	ECKN3A271KBP	CERAMIC 1KV 270PF	
C1074	ECQB1H223JF3	POLYESTER 50V 0.022UF (D)	
C1074	ECQB1H473KF3	POLYESTER 50V 0.047UF (G)	
C1075	ECQB1H104JF3	POLYESTER 50V 0.1UF (D)	
C1075	ECQB1H223JF3	POLYESTER 50V 0.022UF (G)	
C1076	ECQB1H104JF3	POLYESTER 50V 0.1UF	
C1077	ECQB1H103JF3	POLYESTER 50V 0.01UF	
C1204	ECEA1CKA220	ELECTROLYTIC 16V 22UF	
C1301	ECA1EM101I	ELECTROLYTIC 25V 100UF	
C1303	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1304	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C1305	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C1306	ECEA1HKAR47	ELECTROLYTIC 50V 0.47UF	
C3001	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3002	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3003	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3004	ECJ1VC1H151J	C CHIP 50V 150PF	
C3005	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3006	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3007	ECJ1VC1H330J	C CHIP 50V 33PF	
C3008	ECEA1HKA4R7	ELECTROLYTIC 50V 4.7UF	
C3009	ECJ1VB1A105K	C CHIP 10V 1UF	
C3010	ECJ1VB1A105K	C CHIP 10V 1UF	
C3011	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C3012	ECJ1VB1A224K	C CHIP 10V 0.22UF	
C3013	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3015	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3016	ECJ1VB1A105K	C CHIP 10V 1UF	
C3017	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3019	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3020	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C3021	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3022	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C3023	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3025	ECJ1VC1H331J	C CHIP 50V 330PF	
C3027	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C3028	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C3029	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C3030	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C3031	ECJ1VB1A224K	C CHIP 10V 0.22UF	
C3032	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C3033	ECJ1VB1A105K	C CHIP 10V 1UF	
C3034	ECJ1VC1H020C	C CHIP 50V 2PF	
C3035	ECJ1VB1C104K	C CHIP 16V 0.1UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C3036	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C3037	ECEA1HKA2R2	ELECTROLYTIC 50V 2.2UF	
C3038	ECJ1VB1H472K	C CHIP 50V 4700PF	
C3039	ECJ1VB1E333K	C CHIP 25V 0.033UF	
C3040	ECJ1VB0J474K	C CHIP 6.3V 0.47UF	
C3041	ECJ1VB1C223K	C CHIP 25V 0.022UF	
C3042	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C3044	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3047	ECJ1VF1C104Z	C CHIP 16V 0.1UF (D)	
C3047	ECJ1VF1E104Z	C CHIP 25V 0.1UF (G)	
C3049	ECJ1VC1H560J	C CHIP 50V 56PF	
C3050	ECJ1VC1H560J	C CHIP 50V 56PF	
C3051	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3052	ECJ1VF1C104Z	C CHIP 16V 0.1UF (D)	
C3052	ECJ1VF1E104Z	C CHIP 25V 0.1UF (G)	
C3053	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C3055	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C3058	ECA0JM471	ELECTROLYTIC 6.3V 470UF	
C3059	ECJ1VB1H102K	C CHIP 50V 1000PF	
C3062	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C3063	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C3064	ECJ1VB1A105K	C CHIP 10V 1UF	
C3066	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4010	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4016	ECJ1VC1H150J	C CHIP 50V 15PF	
C4018	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	
C4041	ECEA1HKA2R2	ELECTROLYTIC 50V 2.2UF	
C4042	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4051	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C4052	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C4053	ECJ1VB1H102K	C CHIP 50V 1000PF	
C4061	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4062	ECEA1CKA330B	ELECTROLYTIC 16V 33UF	
C4063	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C4064	ECJ1VB1H182K	C CHIP 50V 0.0018UF	
C4065	ECJ1VB1H182K	C CHIP 50V 0.0018UF	
C4082	ECJ1VB1H471K	C CHIP 50V 470PF	
C4102	ECQB1562JF	POLYESTER 100V 5600PF	
C4103	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4104	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4106	ECEA1CKS220I	ELECTROLYTIC 16V 22UF	
C4201	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4202	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4203	ECEA0JKA330	ELECTROLYTIC 6.3V 33UF	
C4204	ECEA0JKA330	ELECTROLYTIC 6.3V 33UF	
C4205	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4206	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4207	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4208	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4209	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4210	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4211	ECJ1VB1E153K	C CHIP 25V 0.015UF	
C4212	ECJ1VB1E153K	C CHIP 25V 0.015UF	
C4213	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4214	ECEA1CKA101	ELECTROLYTIC 16V 100UF	
C4216	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4217	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C4218	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4219	ECEA1HKA010	ELECTROLYTIC 50V 1UF	
C4227	ECJ1VF1C224Z	C CHIP 16V 0.22UF	
C4229	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4230	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C4239	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4240	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4241	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4242	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4245	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4246	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4301	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4302	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4303	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4304	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4315	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4316	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4317	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4318	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4319	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4320	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4321	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C4322	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4451	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4452	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4455	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4456	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4458	ECJ1VF1C104Z	C CHIP 16V 0.1UF	
C4459	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C4601	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4603	ECJ1VB1H152K	C CHIP 50V 1500PF	
C4801	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4802	ECEA1EKA4R7	ELECTROLYTIC 25V 4.7UF	
C4803	ECJ1VC1H270J	C CHIP 50V 27PF	
C4901	ECEA1HKA010	ELECTROLYTIC 50V 1UF	
C4902	ECEA1HKA2R2	ELECTROLYTIC 50V 2.2UF	
C4903	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C4904	ECEA1HKA3R3	ELECTROLYTIC 50V 3.3UF	
C4905	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C4906	ECEA1HKA010	ELECTROLYTIC 50V 1UF	
C4911	ECJ1VB1E223K	C CHIP 25V 0.022UF	
C4912	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4913	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C4917	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4918	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4919	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C4920	ECJ1VB1E223K	C CHIP 25V 0.022UF	
C5001	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5002	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5003	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5004	ECJ1VB1E103K	C CHIP 25V 0.01UF	
C5005	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C5006	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6003	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C6006	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6007	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6008	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C6009	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6010	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C6014	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C6016	ECJ2VB1E104K	C CHIP 25V 0.1UF	
C6017	ECJ1VF1E104Z	C CHIP 25V 0.1UF	
C6020	ECJ1VC1H101J	C CHIP 50V 100PF	
C6021	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6022	ECJ1VC1H180J	C CHIP 50V 18PF	
C6027	ECJ1VB1H471K	C CHIP 50V 470PF	
C6028	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C6029	ECJ1VC1H270J	C CHIP 50V 27PF	
C6030	ECJ1VC1H220J	C CHIP 50V 22PF	
C6031	ECJ1VC1H820J	C CHIP 50V 82PF	
C6033	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6034	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C6035	ECJ1VF1A105Z	C CHIP 10V 1UF	
C6038	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6039	ECJ1VB1H333K	C CHIP 50V 0.033UF	
C6040	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6041	ECJ1VC1H561J	C CHIP 50V 560PF	
C6049	ECJ1VF1H103Z	C CHIP 50V 0.01UF	
C6063	ECJ1VF1A105Z	C CHIP 10V 1UF	
C6201	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C6202	ECJ1VB1H392K	C CHIP 50V 3900PF	
C6203	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6204	ECJ1VC1H681J	C CHIP 50V 680PF	
C6205	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C6206	ECEA0JKN220I	ELECTROLYTIC 6.3V 22UF	
C6207	ECJ1VC1H330J	C CHIP 50V 33PF	
C6208	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6209	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6210	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6211	ECJ1VB1C563K	C CHIP 16V 0.056UF	
C6212	ECA1EM221B	ELECTROLYTIC 25V 220	
C6213	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C6214	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6215	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6216	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C6217	ECA1EM101I	ELECTROLYTIC 25V 100UF	
C6218	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C6219	ECJ1VF1H104Z	C CHIP 50V 0.1UF	
C6220	ECJ1VB1H182K	C CHIP 50V 0.0018UF	
C6221	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6222	ECJ1VF1A105Z	C CHIP 10V 1UF	
C6223	ECJ1VB1H102K	C CHIP 50V 1000PF	
C6224	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C6225	ECJ1VB1H223K	C CHIP 50V 0.022UF	
C6226	ECJ1VB1H223K	C CHIP 50V 0.022UF	
C6227	ECJ1VB1A224K	C CHIP 10V 0.22UF	
C6228	ECJ1VB1E104K	C CHIP 25V 0.1UF	
C6229	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C6231	ECJ1VC1H101J	C CHIP 50V 100PF	
C6232	ECJ1VC1H101J	C CHIP 50V 100PF	
C6302	ECJ2VF1E104Z	C CHIP 25V 0.1UF	
C6306	ECA0JM471	ELECTROLYTIC 6.3V 470UF	
C6307	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C6315	ECA1HM101B	ELECTROLYTIC 50V 100UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C7001	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C7010	ECJ1VB1H102K	C CHIP 50V 1000PF	
C7021	ECJ1VC1H270J	C CHIP 50V 27PF	
C7022	ECJ1VC1H270J	C CHIP 50V 27PF	

COILS

Ref. No.	Part No.	Part Name & Description	Remarks
L1001	G0B183E00002	LINE FILTER 0.5A 18MH	⚠
L1001	ELF15N005A	LINE FILTER 0.5A 18MH	⚠
L1001	J0HBLD000001	LINE FILTER 0.5A 18MH	⚠
L1004	VLQSAB7D100K	COIL 10UH	
L1005	G0A220G00018	COIL 22UH	
L1006	G0A100H00014	COIL 10UH	
L1007	ELEXT101KE04	COIL 100UH	
L1008	VLQSAB7D220K	COIL 22UH	
L1010	J1ZZA0000001	RESONANT SNUBBER	
L1011	G0A100H00014	COIL 10UH	
L3001	G0C271JA0019	COIL 270UH	
L3004	G1C120J00001	COIL CHIP 12UH	
L3008	ELESN101KA	COIL 100UH	
L3010	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3011	ELEXT150KE04	COIL 15UH	
L3012	ELEXT680KE04	COIL 68UH	
L3013	ELEXT330KE04	COIL 33UH	
L3014	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3015	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3016	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3017	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L3018	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L4077	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L4078	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L4101	ELESN471KA	COIL 470UH	
L4201	ELESN101KA	COIL 100UH	
L4303	ELESN101KA	COIL 100UH	
L4801	ELESN220KA	COIL 22UH	
L4804	J0JCC0000160	EMI FILTER CHIP	
L5001	ELEXT560KE04	COIL 56UH	
L6002	G0C4R7JA0019	CHIP BEAD INDUCTOR	
L6003	ELEXT680KE04	COIL 68UH	
L6004	ELEXT101KE04	COIL 100UH	
L6301	ELESN101KA	COIL 100UH	
L7003	ELEXT101KE04	COIL 100UH	

CRYSTAL OSCILLATOR

Ref. No.	Part No.	Part Name & Description	Remarks
X3001	H0D357400068	CRYSTAL OSCILLATOR	
X6002	H0D120500017	CRYSTAL OSCILLATOR	
X6301	EFOEC4004T4	CRYSTAL OSCILLATOR	

PIN HEADERS

Ref. No.	Part No.	Part Name & Description	Remarks
P1002	VEKS5895	CONNECTOR CABLE W/PLUG	
P3501	K1MN09A00029	CONNECTOR 9P	
P3502	LSEK0540	GROUNDING WIRE	
P4001	K1MZ02A00003	FE CONNECTOR 2P	
P4002	K1MN06A00030	CONNECTOR 6P	
P5001	K1MN24A00057	CONNECTOR 24P	
P6201	K1KA08A00290	CONNECTOR 8P	
P6202	K1KA02A00375	CONNECTOR 2P	
P6203	K1MN07A00017	CONNECTOR 7P	

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW6001	K0ZZ00000598	SWITCH	
SW6002	K0C111A00006	SWITCH	
SW6319	EVQ11A09K	PUSH SWITCH	
SW6320	EVQ11A09K	PUSH SWITCH	
SW6321	EVQ11A09K	PUSH SWITCH	
SW6322	EVQ11A09K	PUSH SWITCH	
SW6323	EVQ11A09K	PUSH SWITCH	
SW6324	EVQ11A09K	PUSH SWITCH	
SW6325	EVQ11A09K	PUSH SWITCH	
SW6326	EVQ11A09K	PUSH SWITCH	
SW6327	EVQ11A09K	PUSH SWITCH	
SW6328	EVQ11A09K	PUSH SWITCH	
SW6329	EVQ11A09K	PUSH SWITCH	

FUSE & PROTECTOR

Ref. No.	Part No.	Part Name & Description	Remarks
F1001	K5D302AQ0003	FUSE 125V 3A	⚠
F1001	K5D302ADA002	FUSE 125V 3A	⚠
F1001	K5D302AD0002	FUSE 125V 3A	⚠
PR1002	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1002	D4FA2R50A002	IC PROTECTOR 1.5A	⚠
PR1003	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1003	D4FA2R50A002	IC PROTECTOR 1.5A	⚠
PR1004	LSSF009A35E	IC PROTECTOR	⚠
PR1005	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1005	D4FA2R50A002	IC PROTECTOR 1.5A	⚠
PR1007	UNH000600A	IC PROTECTOR 1.5A	⚠
PR1007	D4FA2R50A002	IC PROTECTOR 1.5A	⚠
PR1201	LSSF009AR37E	IC PROTECTOR 1.5A	⚠

TRANSFORMER

Ref. No.	Part No.	Part Name & Description	Remarks
T1001	ETS29AS1Z5AD	SW TRANSFORMER	⚠
T4101	G2A252C00002	TRANSFORMER	

JACKS

Ref. No.	Part No.	Part Name & Description	Remarks
JK3001	K2HA608B0004	AUDIO/VIDEO JACK SOCKET	
JK3002	K2HA306B0058	AUDIO/VIDEO JACK SOCKET	
JK3003	K1CB105B0035	S-VHS JACK SOCKET	
JK3004	K2HA507B0002	AUDIO/VIDEO JACK SOCKET	
JK4801	K7AABA000002	IC, LINEAR	

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
711	LSSZ0007	INFRARED RECEIVER UNIT	
717	A2BB00000111	DISPLAY TUBE	
718	LSGM0002	DISPLAY TUBE HOLDER	
719	LSGL0410	LED HOLDER	
721	LSSC0680	HEAT SINK	
722	XYN3+F10S	SCREW W/WASHER,STEEL	
723	LSSC0708	S JACK FCC PLATE	
741	LSJA0360	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0348	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0358	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0359	AC CORD W/PLUG,AC 120V	⚠
741	LSJA0361	AC CORD W/PLUG,AC 120V	⚠
741	K2CB2CZ00003	AC CORD W/OLUG,AC 120V	⚠
743	ENG56D01G1F	TUNER UHF/VHF NR	
771	EYF52BC	FUSE HOLDER	

10.3.3. DVD MAIN C.B.A.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

INTEGRATED CIRCUITS

Ref. No.	Part No.	Part Name & Description	Remarks
IC8001	MN2DS03VP1H	IC, LINEAR (A,B,C,E,F)	
IC8001	MN2DS0003APH	IC, LINEAR (D,G)	
IC8002	LSSK0039	IC, 16M FLASH MEMORY (A,B,C,E,F)	E.S.D.
IC8002	LSSK0040	IC, 16M FLASH MEMORY (D,G)	E.S.D.
IC8003	C3ABPG000133	IC, 64M SDRAM	E.S.D.
IC8003	C3ABPG000067	IC, 64M SDRAM	E.S.D.
IC8003	C3ABPG000102	IC, 64M SDRAM	E.S.D.
IC8003	C3ABPG000135	IC, 64M SDRAM	E.S.D.
IC8004	LSUQ0062	IC, 4K EEP ROM (A,B,C,E,F)	E.S.D.
IC8004	LSUQ0063	IC, 4K EEP ROM (D,G)	E.S.D.
IC8005	C0DBEZG00017	IC, LINEAR	
IC8401	C9ZB00000431	IC, LINEAR	
IC8501	C0FBBK000035	IC, LINEAR	
IC8503	C0ABBB000256	IC, LINEAR	
IC8801	C0GBL0000003	IC, LINEAR	

TRANSISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
Q8501	UNR511500L	TRANSISTOR SI PNP CHIP	
Q8501	B1GDCFJJ0025	TRANSISTOR SI PNP CHIP	
Q8502	UNR521500L	TRANSISTOR SI NPN CHIP	
Q8502	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	
Q8503	UNR521500L	TRANSISTOR SI NPN CHIP	
Q8503	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	
Q8504	UNR521500L	TRANSISTOR SI NPN CHIP	
Q8504	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	
Q8505	UNR521500L	TRANSISTOR SI NPN CHIP	
Q8505	B1GBCFJA0006	TRANSISTOR SI NPN CHIP	
Q8901	2SD1819A0L	TRANSISTOR SI NPN CHIP	
Q8901	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q8902	2SD1819A0L	TRANSISTOR SI NPN CHIP	
Q8902	B1ABCF000020	TRANSISTOR SI NPN CHIP	
Q8903	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q8903	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q8904	2SB0709A0L	TRANSISTOR SI PNP CHIP	
Q8904	B1ADCF000001	TRANSISTOR SI PNP CHIP	
Q8905	UNR521100L	TRANSISTOR SI NPN CHIP	
Q8905	B1GBCFJJ0007	TRANSISTOR SI PNP CHIP	
Q8906	UNR511500L	TRANSISTOR SI PNP CHIP	
Q8906	B1GDCFJJ0025	TRANSISTOR SI PNP CHIP	
Q8907	B1CFGD000002	TRANSISTOR FET	
Q8907	XP0187800L	TRANSISTOR FET	

RESISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
R8001	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8003	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8004	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R8005	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R8006	EXB38V820JV	ARRAY CHIP 82	
R8007	EXB38V820JV	ARRAY CHIP 82	
R8008	EXB38V820JV	ARRAY CHIP 82	
R8009	ERJ3GEYJ472V	MGF CHIP 1/16W 4.7K	
R8011	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R8012	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R8015	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R8016	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R8017	ERJ3GEYJ221V	MGF CHIP 1/16W 220	
R8019	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8020	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8021	ERJ3GEYJ682V	MGF CHIP 1/16W 6.8K	
R8023	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R8024	EXB38V820JV	ARRAY CHIP 82	
R8025	ERJ3GEYJ271V	MGF CHIP 1/16W 270	
R8026	ERJ3GEYJ271V	MGF CHIP 1/16W 270	
R8027	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R8028	ERJ3GEYJ271V	MGF CHIP 1/16W 270	
R8029	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8030	ERJ3GEYJ270V	MGF CHIP 1/16W 27	
R8031	ERJ3GEYJ103V	MGF CHIP 1/16W 10K (E,F)	
R8032	ERJ3GEYJ103V	MGF CHIP 1/16W 10K (A,B,C,D,G)	
R8033	ERJ3GEYJ103V	MGF CHIP 1/16W 10K	
R8034	EXB38V820JV	ARRAY CHIP 82	
R8035	EXB38V820JV	ARRAY CHIP 82	
R8036	EXB38V820JV	ARRAY CHIP 82	
R8037	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8038	D0HB273ZA002	MGF CHIP 27K	
R8039	ERJ3GEYJ105V	MGF CHIP 1/16W 1M	
R8040	ERJ3GEYJ330V	MGF CHIP 1/16W 33	
R8041	ERA3YED221V	CARBON CHIP 1/16W 220	
R8042	ERJ3GEYJ330V	MGF CHIP 1/16W 33	
R8043	D0HB332ZA002	MGF CHIP 1/16W 3.3K	
R8044	D0HB151ZA002	MGF CHIP1/16W 150	
R8046	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R8048	D0HB822ZA002	MGF CHIP1/16W 8.2K	
R8049	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R8051	EXB38V330JV	ARRAY CHIP 33	
R8052	ERJ3GEYJ203V	MGF CHIP 1/16W 20K	
R8053	ERJ3GEYJ203V	MGF CHIP 1/16W 20K	
R8054	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R8055	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R8056	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8057	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8058	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8059	ERJ1TYJ4R7U	MGF CHIP 1W 4.7	
R8060	D0HB103ZA002	MGF CHIP 1/16W 10K	
R8061	D0HB202ZA002	MGF CHIP 1/16W 2K	
R8065	ERJ3GEYJ6R8V	CARBON CHIP 1/16W 6.8	
R8066	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R8067	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R8068	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R8418	D0HB121ZA002	MGF CHIP 1/16W 120	

Ref. No.	Part No.	Part Name & Description	Remarks
R8419	D0HB121ZA002	MGF CHIP 1/16W 120	
R8420	D0HB121ZA002	MGF CHIP 1/16W 120	
R8421	D0HB560ZA003	MGF CHIP 1/16W 56	
R8422	D0HB560ZA003	MGF CHIP 1/16W 56	
R8423	D0HB680ZA003	MGF CHIP 1/16W 68	
R8424	D0HB680ZA003	MGF CHIP 1/16W 68	
R8425	D0HB680ZA003	MGF CHIP 1/16W 68	
R8426	D0HB330ZA003	MGF CHIP 33	
R8427	D0HB330ZA003	MGF CHIP 33	
R8431	ERJ6GEY0R00V	MGF CHIP 1/10W 0	
R8501	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8502	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8503	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8504	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8518	ERJ3GEYF822V	MGF CHIP 1/16W 8.2K (A,B,C,E,F)	
R8518	ERJ3GEYJ432V	MGF CHIP 1/16W 4.3K (D,G)	
R8520	ERJ3GEYF822V	MGF CHIP 1/16W 8.2K (A,B,C,E,F)	
R8520	ERJ3GEYJ432V	MGF CHIP 1/16W 4.3K (D,G)	
R8533	ERJ3GEYF163V	MGF CHIP 1/16W 16K (A,B,C,E,F)	
R8533	ERJ3GEYF822V	MGF CHIP 1/16W 8.2K (D,G)	
R8534	ERJ3GEYJ622V	MGF CHIP 1/16W 6.2K (A,B,C,E,F)	
R8534	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K (D,G)	
R8535	ERJ3GEYF163V	MGF CHIP 1/16W 16K (A,B,C,E,F)	
R8535	ERJ3GEYF822V	MGF CHIP 1/16W 8.2K (D,G)	
R8536	ERJ3GEYJ622V	MGF CHIP 1/16W 6.2K (A,B,C,E,F)	
R8536	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K (D,G)	
R8557	ERJ3GEYJ471V	MGF CHIP 1/16W 470 (A,B,C,E,F)	
R8557	ERJ3GEYJ391V	MGF CHIP 1/16W 390 (D,G)	
R8558	ERJ3GEYJ471V	MGF CHIP 1/16W 470 (A,B,C,E,F)	
R8558	ERJ3GEYJ391V	MGF CHIP 1/16W 390 (D,G)	
R8565	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R8566	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8567	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R8568	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8570	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R8571	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
R8572	ERJ3GEYJ222V	MGF CHIP 1/16W 2.2K	
R8801	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R8807	ERJ3GEYJ104V	MGF CHIP 1/16W 100K	
R8808	ERJ3GEYJ101V	MGF CHIP 1/16W 100	
R8809	ERJ8GEYJ1R0Z	MGF CHIP 1/8W 1	
R8810	ERJ8GEYJ1R0Z	MGF CHIP 1/8W 1	
R8811	ERJ8GEYJ1R0Z	MGF CHIP 1/8W 1	
R8812	ERJ3GEYJ822V	MGF CHIP 1/16W 8.2K	
R8813	ERJ6GEYJ1R0V	CARBON CHIP 1/10W 1.0	
R8814	ERJ3GEYJ102V	MGF CHIP 1/16W 1K	
R8815	ERJ6GEYJ1R0V	CARBON CHIP 1/10W 1.0	
R8816	ERJ6GEYJ1R0V	CARBON CHIP 1/10W 1.0	
R8817	ERJ6GEYJ1R0V	CARBON CHIP 1/10W 1.0	
R8901	ERJ3GEYJ471V	MGF CHIP 1/16W 470	
R8902	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8903	ERJ3GEYJ223V	MGF CHIP 1/16W 22K	
R8904	ERJ3GEYJ821V	MGF CHIP 1/16W 820	
R8905	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R8906	ERJ3GEYJ821V	MGF CHIP 1/16W 820	
R8907	ERJ3GEYJ331V	MGF CHIP 1/16W 330	
R8908	ERJ3GEYJ560V	MGF CHIP 1/16W 56	

Ref. No.	Part No.	Part Name & Description	Remarks
R8909	ERJ3GEYJ560V	MGF CHIP 1/16W 56	
R8910	ERJ12YJ270U	MGF CHIP 1/2W 27	
R8911	ERJ12YJ270U	MGF CHIP 1/2W 27	
R8912	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R8913	ERJ3GEYJ473V	MGF CHIP 1/16W 47K	
R8914	ERJ3GEYJ153V	MGF CHIP 1/16W 15K	
R8916	ERJ3GEYJ3R9V	MGF CHIP 1/16W 3.9	
R8917	ERJ3GEYJ100V	MGF CHIP 1/16W 10	
R8918	ERJ3GEYJ100V	MGF CHIP 1/16W 10	

CAPACITORS

Ref. No.	Part No.	Part Name & Description	Remarks
C8001	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8002	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8003	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C8004	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8006	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C8007	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C8009	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8010	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8011	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8012	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8013	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8014	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8015	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8016	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8017	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8018	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C8019	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8020	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8021	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8022	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8023	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8024	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8025	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8026	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8027	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8028	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8029	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8030	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8031	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8032	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8033	ECJ1VB1E333K	C CHIP 25V 0.033UF	
C8034	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8035	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8036	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8037	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8038	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8039	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8040	ECJ1VB1H562K	C CHIP 50V 5600PF	
C8041	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8042	ECJ1VB1E183K	C CHIP 25V 0.018UF	
C8043	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8044	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8045	ECJ1VB1C104K	C CHIP 16V 0.1UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C8046	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8047	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8048	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8049	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8050	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8051	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8052	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8053	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8054	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8055	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8056	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8057	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8058	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8059	ECJ1VC1H330J	C CHIP 50V 33PF	
C8060	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8061	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8062	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8063	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8064	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8065	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8066	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8067	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8068	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8069	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8070	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8071	ECJ2FB0J106K	C CHIP 6.3V 10UF	
C8072	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C8073	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C8074	ECJ1VB1H102K	C CHIP 50V 1000PF	
C8076	ECJ1VC1H050C	C CHIP 50V 5PF	
C8077	ECJ1VC1H150J	C CHIP 50V 15PF	
C8078	ECJ1VC1H150J	C CHIP 50V 15PF	
C8080	ECJ1VB1H102K	C CHIP 50V 1000PF	
C8081	ECJ1VB1H102K	C CHIP 50V 1000PF	
C8082	ECJ1VC1H101J	C CHIP 50V 100PF	
C8083	ECJ1VC1H101J	C CHIP 50V 100PF	
C8086	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8090	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C8091	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C8401	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C8402	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8403	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C8404	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8430	ECEA0JKA221	ELECTROLYTIC 6.3V 220UF	
C8431	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8434	ECJ1VB1H103K	C CHIP 50V 0.01UF	
C8435	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8436	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8439	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8440	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8441	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	
C8443	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8444	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C8445	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	
C8448	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	
C8449	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	
C8450	ECEA0JKA101	ELECTROLYTIC 6.3V 100UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C8451	ECEA0JKA220	ELECTROLYTIC 6.3V 22UF	
C8452	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C8453	ECEA0JKA331	ELECTROLYTIC 6.3V 330UF	
C8504	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8505	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8506	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8507	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8508	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8512	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8513	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8520	ECEA1AKA330I	ELECTROLYTIC 10V 33UF	
C8521	ECEA1CKA101	ELECTROLYTIC 16V 100UF	
C8522	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8523	ECEA1AKA330I	ELECTROLYTIC 10V 33UF	
C8536	ECJ1VC1H101J	C CHIP 50V 100PF	
C8537	ECJ1VC1H101J	C CHIP 50V 100PF	
C8544	ECJ1VB1H102K	C CHIP 50V 1000PF	
C8545	ECJ1VB1H102K	C CHIP 50V 1000PF	
C8553	ECJ1VB1H472K	C CHIP 50V 4700PF (A,B,C,E,F)	
C8553	ECJ1VB1H332K	C CHIP 50V 3300PF (D,G)	
C8555	ECJ1VB1H472K	C CHIP 50V 4700PF (A,B,C,E,F)	
C8555	ECJ1VB1H332K	C CHIP 50V 3300PF (D,G)	
C8568	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8569	ECEA1CKA100	ELECTROLYTIC 16V 10UF	
C8806	F1K1A106A005	10V 10UF	
C8808	F1K1A106A005	10V 10UF	
C8809	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8810	ECJ1VC1H391J	C CHIP 50V 390PF	
C8811	F1K1A106A005	10V 10UF	
C8812	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8813	ECJ1VC1H391J	C CHIP 50V 390PF	
C8814	F1K1A106A005	10V 10UF	
C8816	ECJ1VB1H472K	C CHIP 50V 4700PF	
C8817	F1K1A106A005	10V 10UF	
C8901	ECJ1VB0J105K	C CHIP 6.3V 1UF	
C8903	ECJ1VC1H471J	C CHIP 50V 470PF	
C8905	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8907	ECJ1VB1C104K	C CHIP 16V 0.1UF	
C8908	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C8909	ECEA0JKA470	ELECTROLYTIC 6.3V 47UF	
C8912	ECJ1VC1H680J	C CHIP 50V 68PF	
C8913	ECJ1VC1H561J	C CHIP 50V 560PF	
C8914	ECJ2FB0J106K	C CHIP 6.3V 10UF	

FILTERS

Ref. No.	Part No.	Part Name & Description	Remarks
FL8402	F1Z1E2220002	EMI FILTER	
FL8501	J0HAAG000015	EMI FILTER CHIP	
FL8502	J0HAAG000015	EMI FILTER CHIP	

COILS

Ref. No.	Part No.	Part Name & Description	Remarks
L8001	J0JCC0000117	EMI FILTER CHIP	
L8002	J0JDC0000002	EMI FILTER CHIP	
L8003	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L8005	J0JDC0000002	EMI FILTER CHIP	
L8006	J0JCC0000215	EMI FILTER CHIP	
L8007	J0JDC0000002	EMI FILTER CHIP	
L8008	J0JDC0000002	EMI FILTER CHIP	
L8009	J0JDC0000002	EMI FILTER CHIP	
L8010	J0JHC0000027	EMI FILTER CHIP	
L8011	J0JCC0000215	EMI FILTER CHIP	
L8012	J0JCC0000215	EMI FILTER CHIP	
L8013	J0JCC0000215	EMI FILTER CHIP	
L8014	J0JCC0000063	EMI FILTER CHIP	
L8015	J0JCC0000063	EMI FILTER CHIP	
L8016	J0JCC0000063	EMI FILTER CHIP	
L8017	J0JCC0000063	EMI FILTER CHIP	
L8018	J0JCC0000063	EMI FILTER CHIP	
L8019	J0JCC0000215	EMI FILTER CHIP	
L8020	J0JCC0000215	EMI FILTER CHIP	
L8021	J0JCC0000215	EMI FILTER CHIP	
L8409	J0JHC0000078	EMI FILTER CHIP	
L8411	ERJ3GEY0R00V	MGF CHIP 1/16W 0	
L8412	J0JHC0000068	EMI FILTER CHIP	
L8413	J0JHC0000078	EMI FILTER CHIP	
L8415	J0JHC0000068	EMI FILTER CHIP	
L8416	J0JBC0000010	EMI FILTER CHIP	
L8418	J0JBC0000010	EMI FILTER CHIP	
L8419	J0JBC0000010	EMI FILTER CHIP	
L8420	J0JBC0000010	EMI FILTER CHIP	
L8421	J0JBC0000010	EMI FILTER CHIP	
L8422	J0JBC0000010	EMI FILTER CHIP	
L8424	J0JBC0000010	EMI FILTER CHIP	
L8429	J0JHC0000078	EMI FILTER CHIP	
L8431	J0JCC0000063	EMI FILTER CHIP	
L8433	J0JCC0000063	EMI FILTER CHIP	
L8434	J0JCC0000063	EMI FILTER CHIP	
L8435	J0JCC0000063	EMI FILTER CHIP	
L8436	J0JCC0000063	EMI FILTER CHIP	
L8437	J0JCC0000063	EMI FILTER CHIP	
L8501	J0JBC0000010	EMI FILTER CHIP	
L8503	J0JBC0000010	EMI FILTER CHIP	
L8517	J0JCC0000063	EMI FILTER CHIP	
L8518	J0JDC0000002	EMI FILTER CHIP	
L8901	J0JDC0000002	EMI FILTER CHIP	

CRYSTAL OSCILLATOR

Ref. No.	Part No.	Part Name & Description	Remarks
X8001	H0J270500066	CRYSTAL OSCILLATOR	

PIN HEADERS

Ref. No.	Part No.	Part Name & Description	Remarks
P8401	K1MN24A00057	CONNECTOR 24P	
P8402	K1MR11A00017	CONNECTOR 11P	
P8801	K1MN13B00062	CONNECTOR 13P	
P8901	K1MN26B00076	CONNECTOR 26P	

10.3.4. DVD SUB C.B.A.

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW8952	K0L1BA000015	SWITCH	
SW8953	K0L1BA000014	SWITCH	

11. PARTS CHANGE INFORMATION

Following parts have been changed on running change basis for FCC countermeasure. When replacing, order the right parts.

11.1. DIFFERENCES BETWEEN EARLY PRODUCT AND LATER PRODUCT

11.1.1. COMPARISON CHART OF MECHANICAL REPLACEMENT PARTS LIST

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

Interchangeability Cord:See the I/C column on the following Part Number List.								
	Parts/Set Production		Parts/Set Production		Parts/Set Production		Parts/Set Production	
A	Original → Early New → Late	B	Original → Early New → Late	C	Original → Early New → Late	D	Original → Early New → Late	
E	Addition	F	Deletion	G	Other			

Part No.

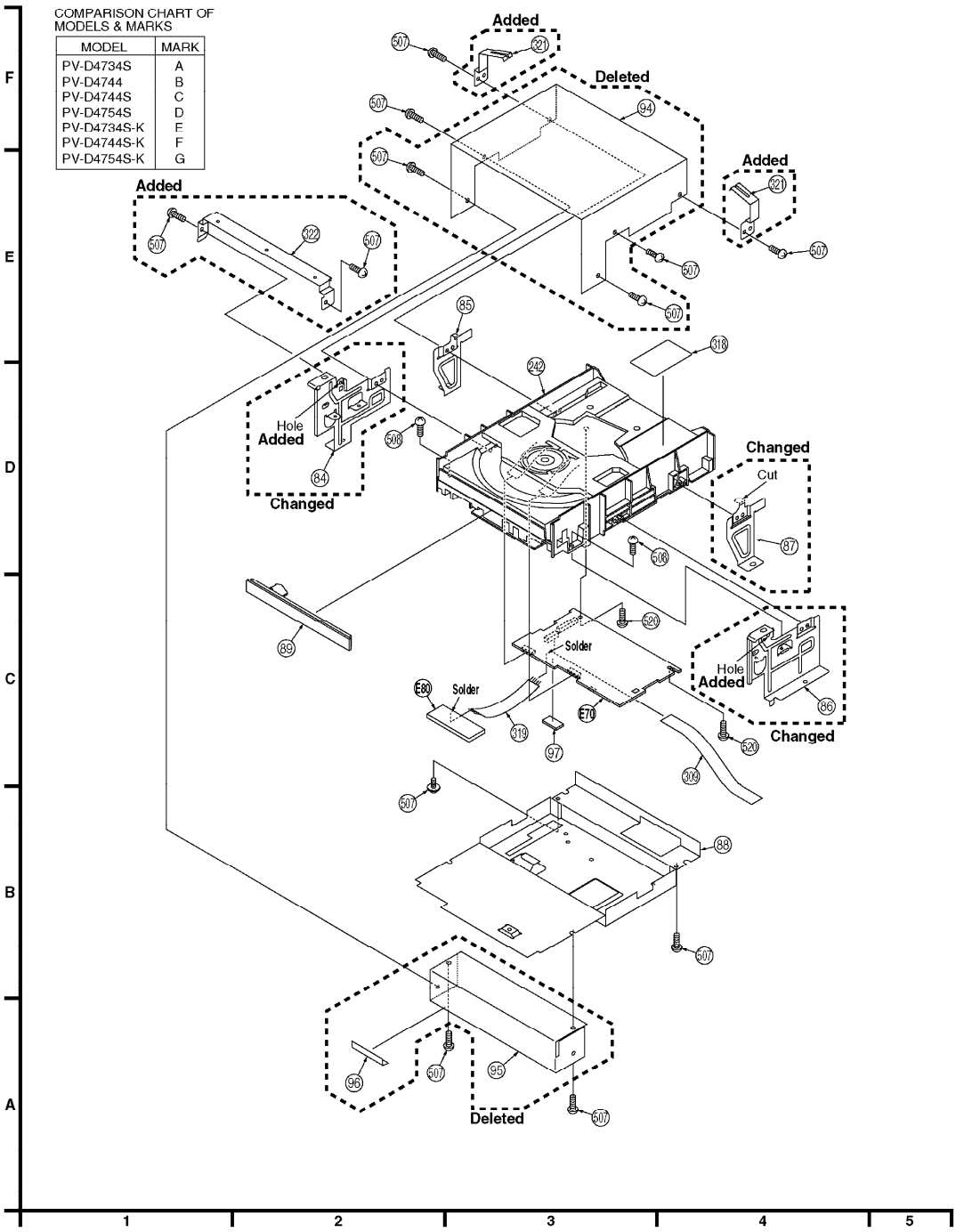
Ref. No.	Section No.	Early Products Part No.	Later Products Part No.	Part Name	Pcs/Set	I/C
73	3	LSKM1035	LSKM1070	TOP COVER (A,C,D,E,F,G)	1	D
73	3	LSKM1049	LSKM1071	TOP COVER (B)	1	D
74	3	LSMK0842	LSMK0842	BOTTOM COVER	1	B
81	3	LSMG0144	----------	FCC CUSHION	2 → 0	D
84	2	LSMA0771	LSMA0771	DVD ANGLE L FRONT	1	B
86	2	LSMA0770	LSMA0770	DVD ANGLE R FRONT	1	B
87	2	LSMA0780	LSMA0780	DVD ANGLE R REAR	1	B
90	3	LSGF0530	LSGF0530	POWER BARRIER	1	B
94	2	LSMZ0383	----------	FCC SHEET TOP	1 → 0	D
95	2	LSMZ0384	----------	FCC SHEET FRONT	1 → 0	D
96	2	LSMF0332	----------	NONFABRIC TAPE	1 → 0	D
320	3	----------	LSSC0735	SHIELD PLATE BOTTOM	0 → 1	D
321	2	----------	LSSC0736	SHIELD PLATE SIDE	0 → 2	D
322	2	----------	LSSC0737	SHIELD PLATE TOP	0 → 1	D
503	3	XTB3+6JFN	XTB3+6JFN	TAPPING SCREW,STEEL (A,C,D,E,F,G)	2 → 4	B
503	3	XTB3+6JFZ	XTB3+6JFZ	TAPPING SCREW,STEEL (B)	2 → 4	B

Replacement Parts Note:

1. The parts listed above are NOT interchangeable for early products and later products.
Be sure to use them according to this table.

2. For the parts standardization, only new parts (LSMK0842) for BOTTOM COVER (Ref. No. 74), new parts (LSMA0771) for DVD ANGLE L FRONT (Ref. No. 84), new parts (LSMA0770) for DVD ANGLE R FRONT (Ref. No. 86), new parts (LSMA0780) for DVD ANGLE RREAR (Ref. No. 87), new parts (LSGF0530) for POWER BARRIER (Ref. No. 90), new parts (XTB3+6JFN/XTB3+6JFZ) for TAPPING SCREW,STEEL (Ref. No. 503) are supplied.

❷ DVD SECTION

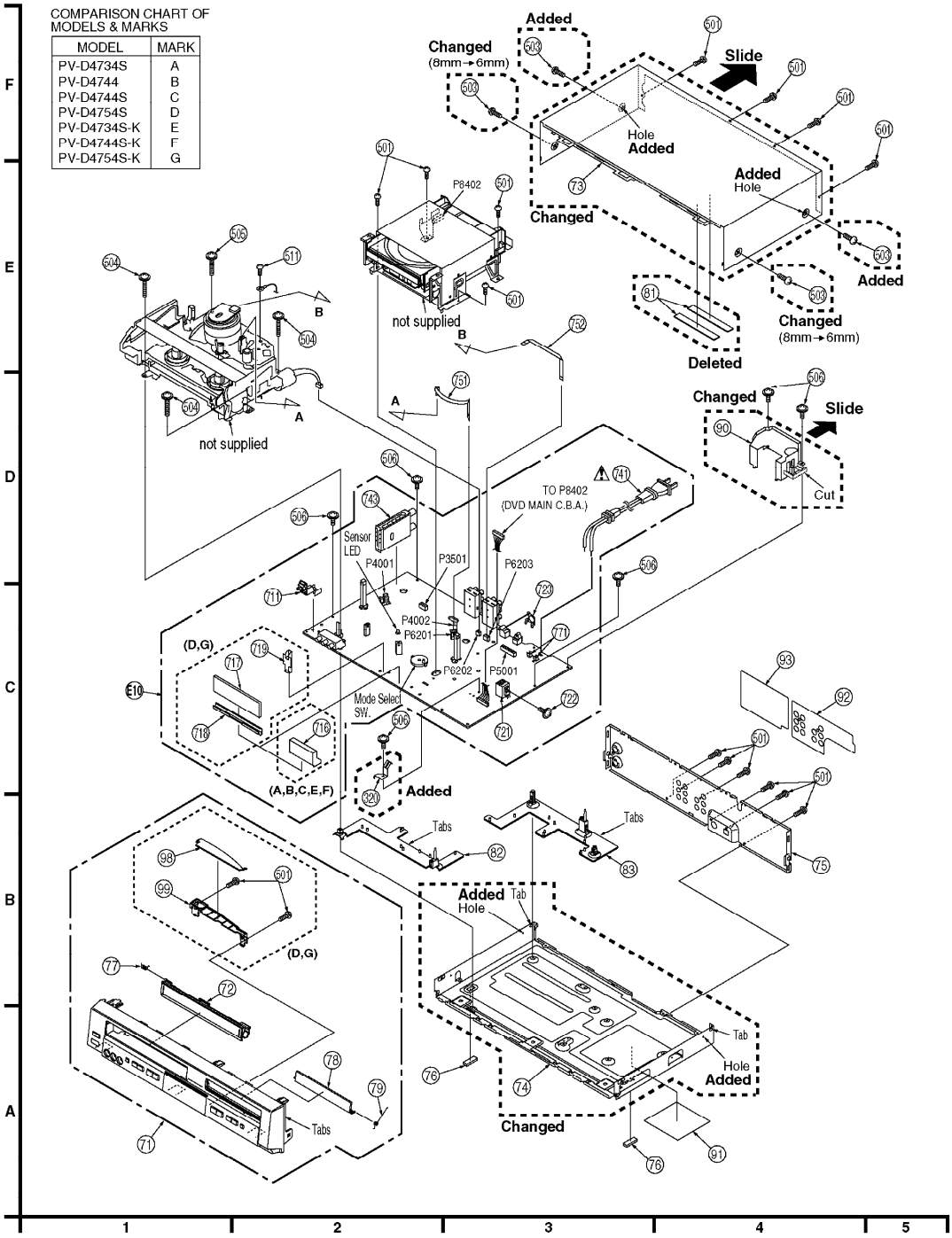


❸ CHASSIS FRAME AND CASING PARTS SECTION

IMPORTANT SAFETY NOTICE
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

COMPARISON CHART OF MODELS & MARKS

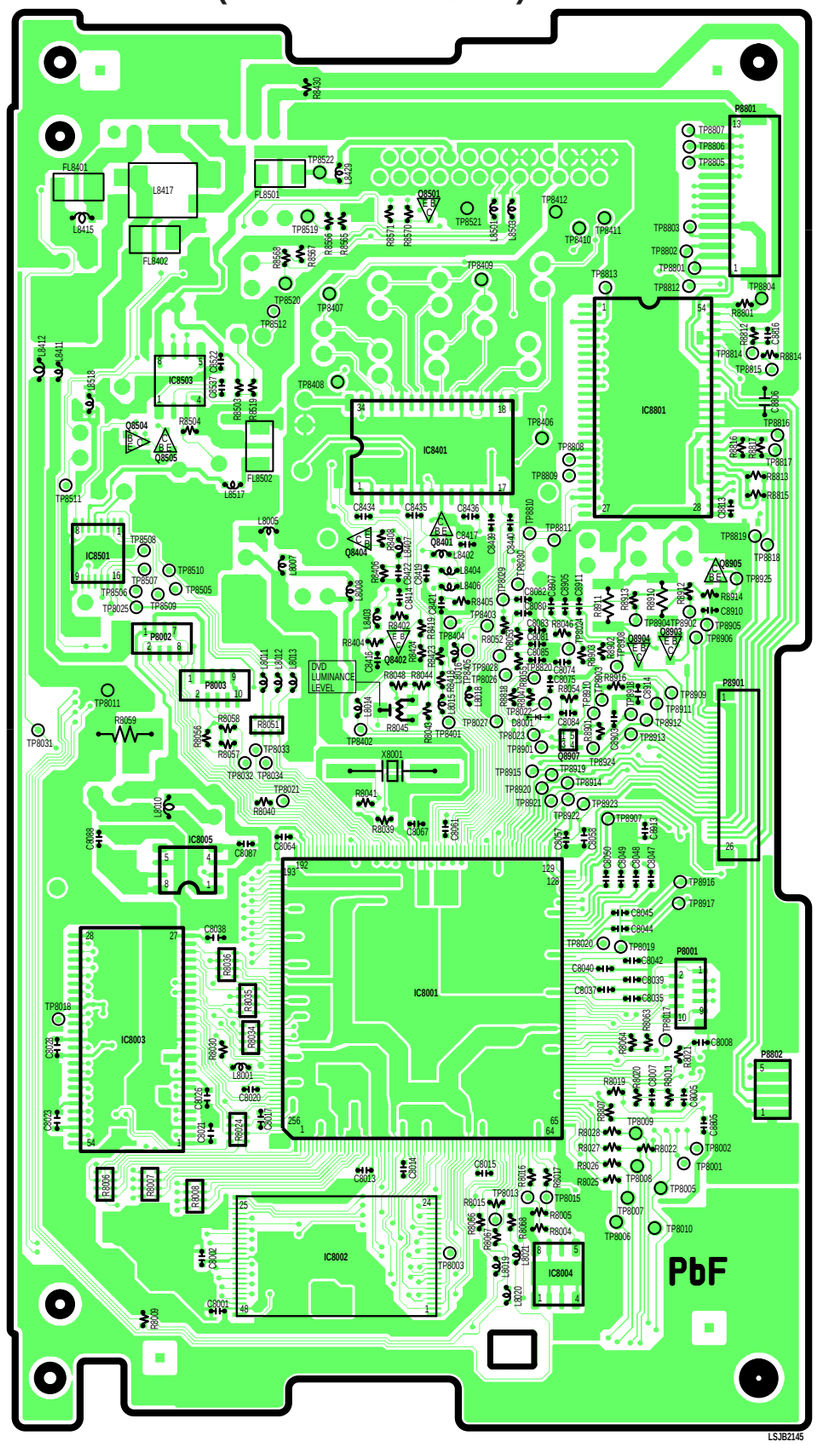
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G



12. SCHEMATIC DIAGRAMS FOR PRINTING WITH LETTER SIZE

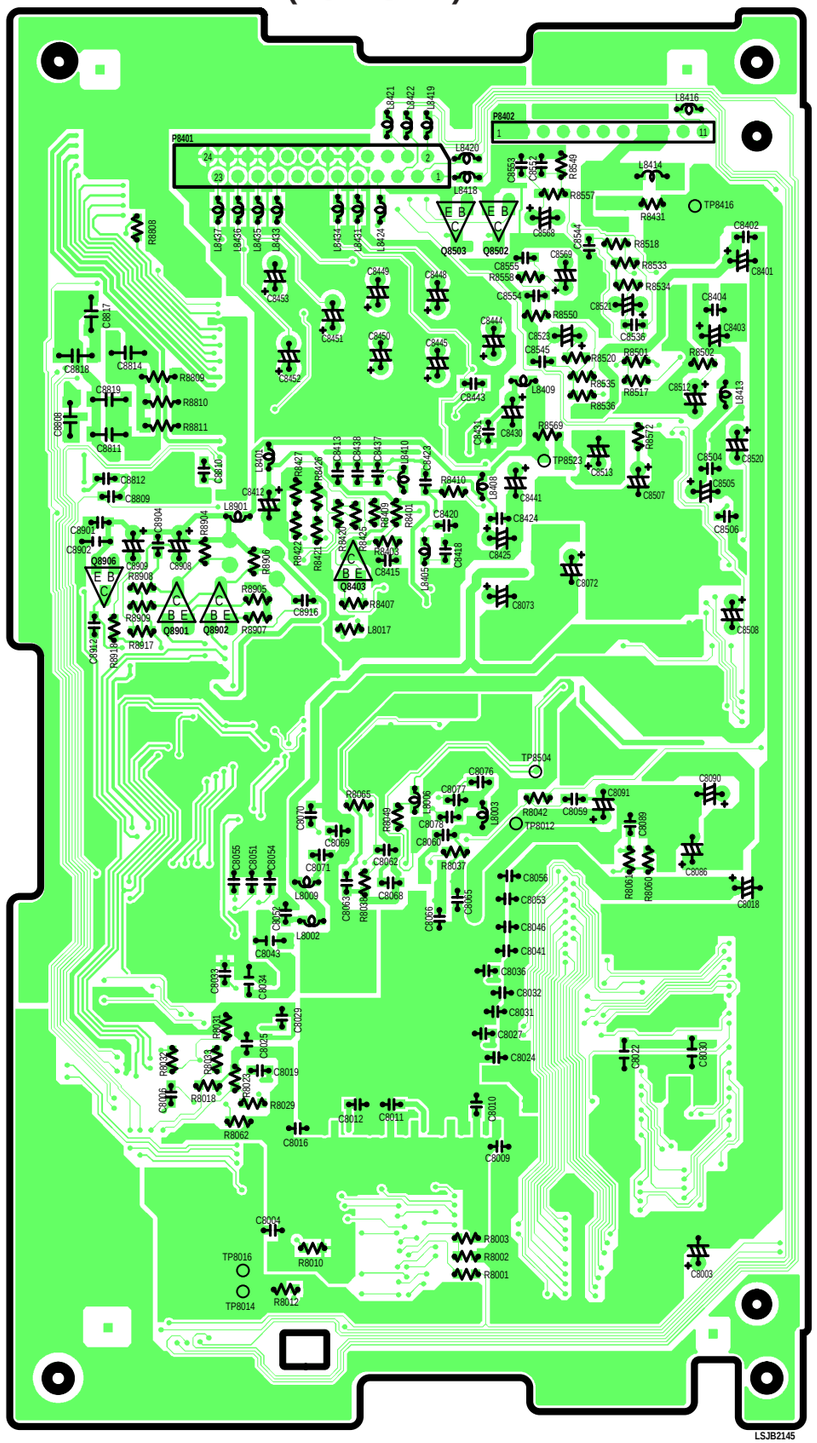
DVD MAIN C.B.A. LSEP2145C (A, B, C) / LSEP2145D (D, G) / LSEP2145B (E, F)

(COMPONENT SIDE)



LSJB2145

(FOIL SIDE)



LSJB2145

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

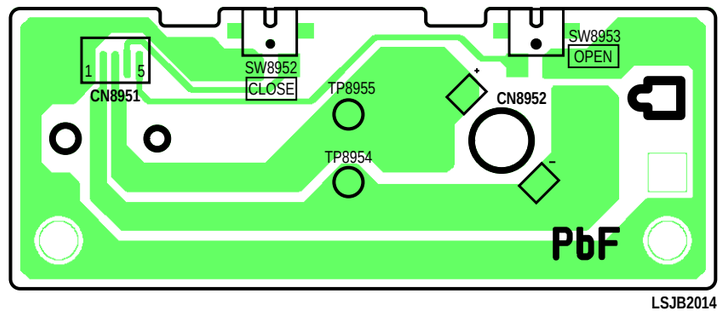
NOTE:
CIRCUIT BOARD LAYOUT SHOWS COMPONENTS INSTALLED FOR VARIOUS MODELS. FOR PROPER PARTS CONTENT FOR THE MODEL YOU ARE SERVICING, PLEASE REFER TO THE SCHEMATIC DIAGRAM AND PARTS LIST.

NOTE:
CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.

DVD SUB C.B.A. LSEP2014A

NOTE:
CIRCUIT BOARD LAYOUT SHOWS COMPONENTS INSTALLED FOR VARIOUS MODELS. FOR PROPER PARTS CONTENT FOR THE MODEL YOU ARE SERVICING, PLEASE REFER TO THE SCHEMATIC DIAGRAM AND PARTS LIST.

NOTE:
CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.



LSJB2014

DVD MAIN C.B.A. LSEP2145C/LSEP2145D/LSEP2145B
DVD SUB C.B.A. LSEP2014A

PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/
PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

MAIN C.B.A. LSEP2154HA (D) / LSEP2154HB (G)

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

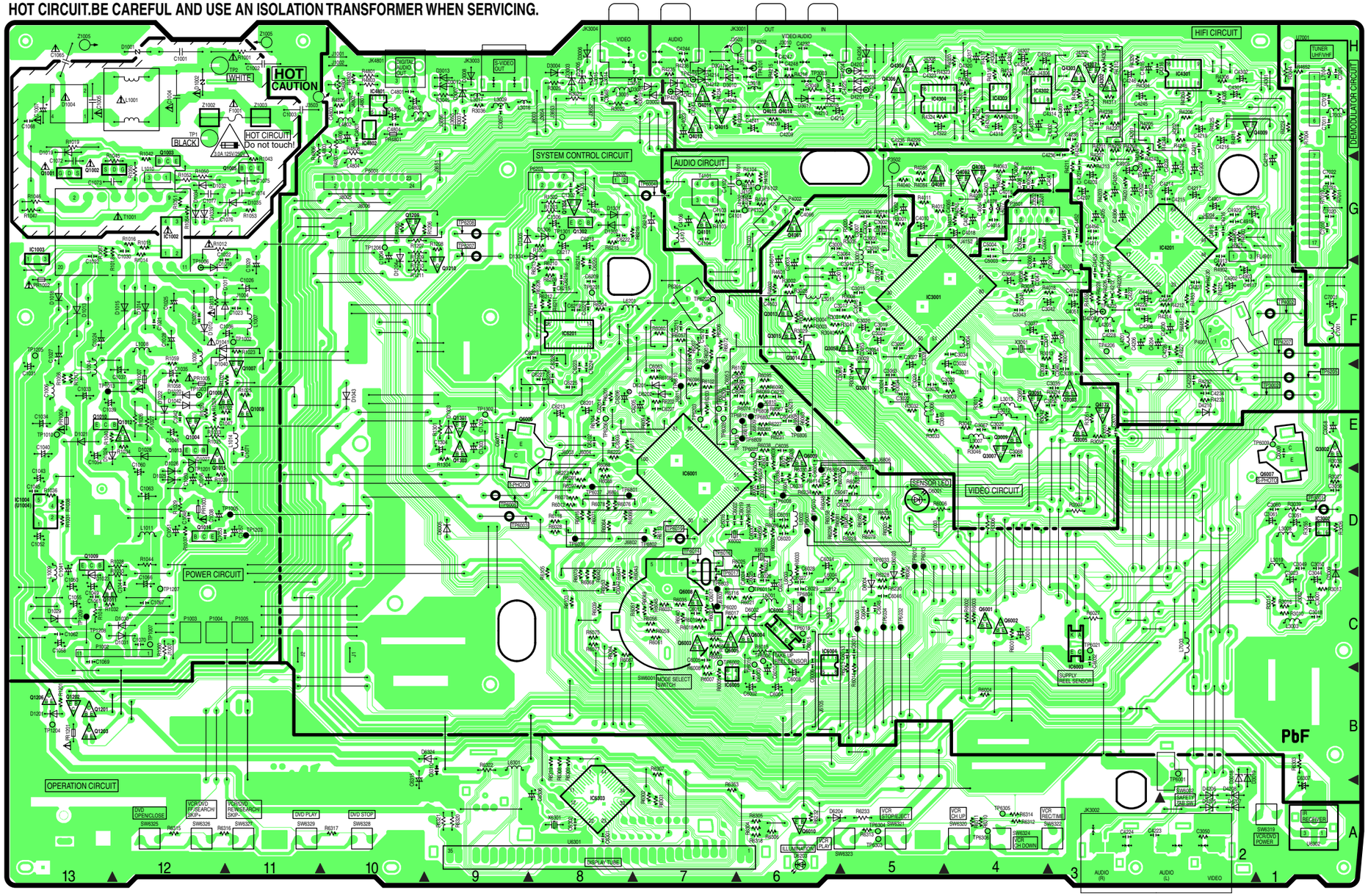
CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE 3.0A 125V/250V FUSE.
ATTENTION:POUR UNE PROTECTION CONTINUE LES RISQUES
D' INCENDIE N' UTILISERQUE DES FUSIBLE DE MÉME
TYPE 3.0A 125V/250V

3.0A 125V/250V

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
CIRCUIT BOARD LAYOUT SHOWS COMPONENTS INSTALLED FOR VARIOUS MODELS.
FOR PROPER PARTS CONTENT FOR THE MODEL YOU ARE SERVICING,
PLEASE REFER TO THE SCHEMATIC DIAGRAM AND PARTS LIST.
NOTE:
CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.

HOT CIRCUIT.BE CAREFUL AND USE AN ISOLATION TRANSFORMER WHEN SERVICING.



COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

MAIN C.B.A. LSEP2144HA (A,B,C) / LSEP2144HB (E,F)

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE 3.0A 125V/250V FUSE.
ATTENTION:POUR UNE PROTECTION CONTINUE LES RISQUES
D' INCENDIE N' UTILISERQUE DES FUSIBLE DE MÉME
TYPE 3.0A 125V/250V

3.0A 125V/250V

IMPORTANT SAFETY NOTICE:
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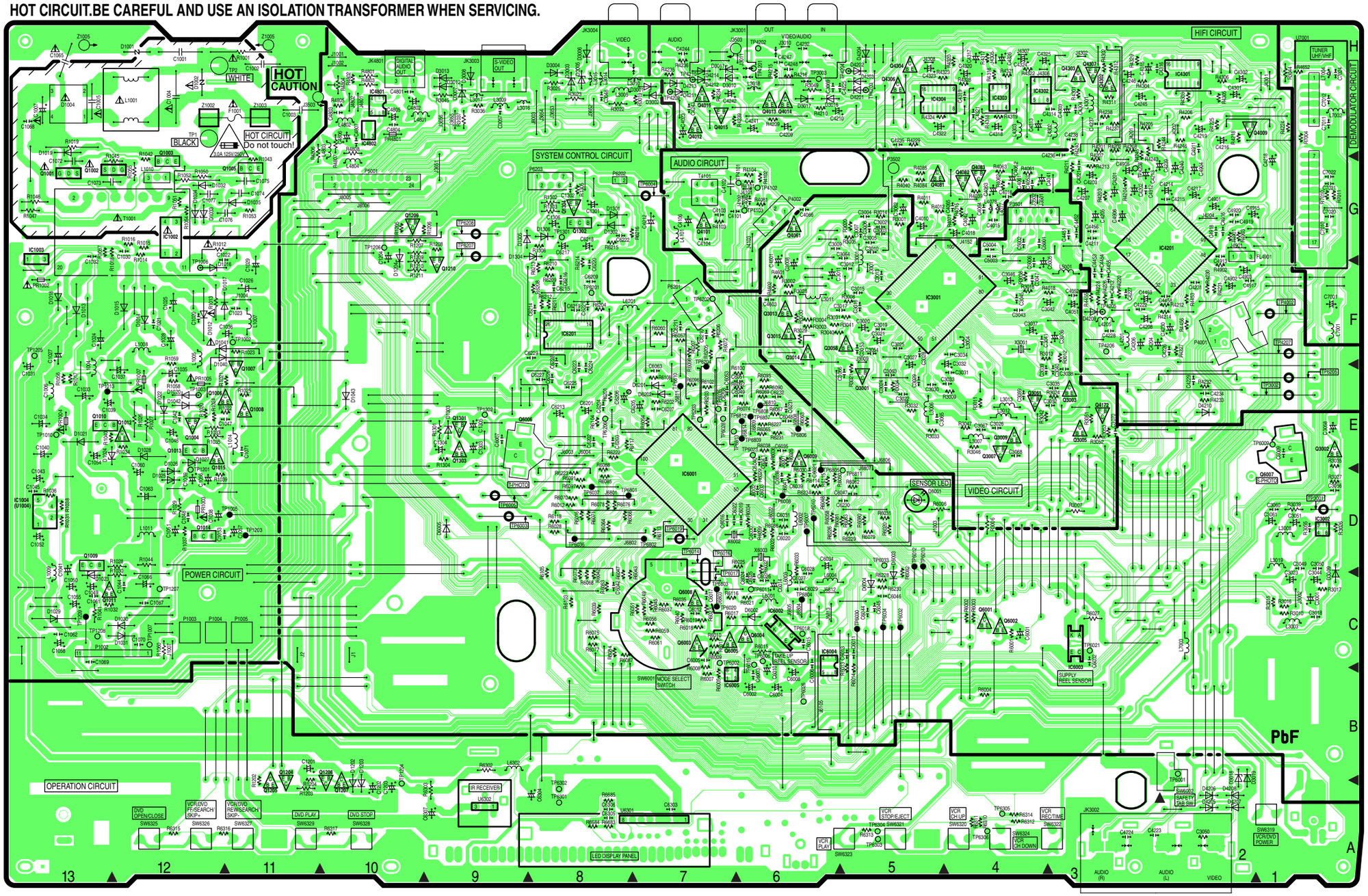
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
CIRCUIT BOARD LAYOUT SHOWS COMPONENTS INSTALLED FOR VARIOUS MODELS.
FOR PROPER PARTS CONTENT FOR THE MODEL YOU ARE SERVICING,
PLEASE REFER TO THE SCHEMATIC DIAGRAM AND PARTS LIST.

NOTE:
CIRCUIT BOARD LAYOUT INCLUDES COMPONENTS WHICH ARE NOT USED.

HOT CIRCUIT.BE CAREFUL AND USE AN ISOLATION TRANSFORMER WHEN SERVICING.



COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

MAIN C.B.A. (SYSTEM CONTROL/SERVO/OPERATION SECTION)

MODE / PINNO	REC	PLAY
IC6001		
1	5.2	5.2
2	5.2	5.2
3	5.2	5.2
4	5.2	5.2
5	3.7	3.7
6	2.5	2.5
7	5.1	5.1
8	4.8	4.8
9	3.3	4.0
10	0	0
11	4.9	4.9
12	0	0
13	0	0
14	5.1	5.1
15	5.2	5.2
16	5.2	0
17	0	0
18	2.6	2.6
19	0	2.6
20	5.2	0
21	5.1	5.1
22	0	0
23	5.1	5.1
24	0	0
25	0	0
26	4.0	4.1
27	2.0	2.0
28	0	0
29	4.7	4.7
30	0	0
31	5.1	5.1
32	5.1	5.1
33	0	0
34	5.2	5.2
35	5.2	5.2
36	-	-
37	5.2	5.2
38	-	-
39	-	-
40	0	0
41	-	-
42	-	-
43	5.2	5.2
44	3.1	3.1
45	3.1	3.1
46	0	0
47	1.3	1.3
48	2.3	2.3
49	0	0
50	1.6	1.6
51	0	0
52	1.5	1.5
53	5.0	5.0
54	2.1	2.1

MODE / PINNO	REC	PLAY
55	2.0	2.2
56	1.8	1.8
57	0	0
58	0	0
59	0	0
60	0	0
61	5.1	5.1
62	4.5	4.5
63	0	0
64	0	0
65	0	0
66	5.2	5.2
67	5.2	5.2
68	5.1	5.1
69	0	0
70	5.1	5.1
71	3.3	3.2
72	3.0	2.9
73	0	0
74	0	0
75	5.0	5.0
76	2.5	2.5
77	2.5	2.5
78	5.2	5.2
79	4.0	5.1
80	4.9	4.1
81	0	0
82	0	0
83	5.1	5.1
84	2.0	2.0
85	0	0
86	2.6	2.6
87	2.6	2.6
88	0	0
89	5.2	5.2
90	1.4	1.3
91	2.6	2.6
92	2.6	2.6
93	-	-
94	2.5	2.5
95	2.5	2.6
96	2.6	2.6
97	2.6	2.6
98	5.2	5.2
99	5.2	5.2
100	5.2	5.2
IC6002		
1	1.2	1.2
2	0	0
3	0	0
4	4.7	4.2
IC6003		
1	2.4	2.4
2	1.2	1.2
3	0	0

MODE / PINNO	REC	PLAY
4	5.1	5.1
IC6004		
1	0	0
2	0	0
3	0	0
4	0	0
5	2.9	3.0
6	3.2	3.3
7	0	0
8	5.0	5.0
IC6005		
1	5.2	5.2
2	5.2	5.2
3	0	0
4	0	0
5	5.2	5.2
6	0	0
IC6201		
1	11.9	11.8
2	0.3	0.3
3	0	0
4	0.3	0.3
5	0	0
6	0	0
7	16.7	16.7
8	0	0
9	2.8	2.8
10	1.6	1.6
11	1.6	1.6
12	0.7	0.7
13	1.4	1.5
14	2.5	2.5
15	2.5	2.5
16	2.6	2.6
17	2.6	2.6
18	1.3	1.3
19	5.1	5.1
20	3.6	3.6
21	11.9	11.9
22	3.6	3.6
23	3.6	3.6
24	0.1	0.1
25	3.5	3.6
26	0	0
27	0	0
D,G		
IC6303		
1	-23.1	-23.1
2	-	-
3	-	-
4	-26.1	-26.6
5	-25.2	-26.5
6	-26.6	-26.6
7	-26.5	-26.5
8	-26.5	-26.5

MODE / PINNO	REC	PLAY
9	-26.5	-26.5
10	-26.5	-26.5
11	-	-
12	-26.5	-26.5
13	-26.5	-26.2
14	-26.5	-26.5
15	-26.5	-26.5
16	-30.1	-30.1
17	-	-
18	5.0	5.0
19	2.5	2.5
20	2.4	2.4
21	0	0
22	4.4	4.4
23	5.1	5.1
24	5.1	5.1
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-5.2	0
32	-7.6	0
33	-13.3	-10.1
34	-4.0	-10.1
35	-7.2	-4.0
36	-10.1	-3.8
37	-10.5	-7.0
38	-16.4	-10.0
39	-29.5	-29.5
40	-29.5	-29.5
41	-29.5	-29.5
42	-29.5	-29.5
43	-29.5	-29.5
44	-29.5	-29.5
Q1301		
E	5.1	5.1
C	7.3	7.3
B	5.7	5.7
Q1302		
E	11.9	11.9
C	15.2	15.2
B	12.4	12.4
Q1303		
E	0	0
C	5.7	5.7
B	0.6	0.6
Q1304		
E	0	0
C	12.4	12.4
B	0.6	0.6
Q6001		
E	4.5	0
C	11.2	12.0

MODE / PINNO	REC	PLAY
B	5.1	0
Q6002		
E	12.0	12.0
C	11.8	0
B	11.2	12.0
Q6003		
E	0	0
C	0.1	0.1
B	0.7	0.7
Q6004		
E	5.2	5.2
C	5.2	5.2
B	4.4	4.4
Q6005		
E	5.2	5.2
C	5.1	5.1
B	4.5	4.5
Q6006		
E	0	0
C	4.6	4.6
Q6007		
E	0	0
C	5.1	5.1
Q6008		
E	0	0
C	5.2	5.2
B	0	0
Q6009		
E	2.2	2.2
C	0	0
B	1.5	1.5
D,G		
Q6010		
E	0	0
C	0.1	0.1
B	0.7	0.7
TP1301	11.9	11.9
TP1302	5.1	5.1
TP6001	0	0
TP6002	5.2	5.2
TP6003	5.2	5.2
TP6004	0	0
TP6005	4.7	4.7
TP6006	5.1	5.1
TP6007	2.8	2.8
TP6008	1.5	1.5
TP6009	5.1	5.1
TP6010	1.5	1.5
TP6011	5.2	5.2
TP6012	3.2	3.2
TP6013	3.0	3.0
TP6014	0	0
TP6015	0	0
TP6016	5.1	5.1
TP6017	5.1	5.1

MODE / PINNO	REC	PLAY
TP6018	4.2	3.5
TP6019	0	0
TP6020	5.2	5.2
TP6021	5.1	5.1
TP6023	1.8	1.8
A,B,C,E,F		
TP6026	0	0
TP6028	0	0
TP6030	4.5	4.5
TP6032	5.1	5.1
TP6033	0	0
TP6034	5.1	5.1
TP6035	5.2	5.2
TP6036	4.8	4.8
TP6037	3.7	3.7
TP6201	2.5	2.5
TP6202	2.5	2.5
TP6203	2.5	2.5
TP6204	2.5	2.5
TP6205	2.6	2.6
TP6206	2.8	2.5
TP6207	2.6	2.6
TP6208	2.6	2.6
A,B,C,E,F		
TP6301	0	0
A,B,C,E,F		
TP6302	4.9	4.9
TP6303	0	0
TP6304	5.2	5.2
TP6305	5.2	5.2
TP6306	0	0
TP6801	5.0	5.1
TP6802	4.0	4.0
TP6803	5.2	5.2
TP6804	0	0
TP6805	0	0
TP6806	0	0
TP6807	5.1	5.1
TP6808	3.2	3.2
TP6809	5.2	5.2
TP6810	0	0
TP6811	0	0
TP6812	5.2	5.2
TP6813	5.2	5.2

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G

VOLTAGE CHART
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

MAIN C.B.A. (POWER SUPPLY/VIDEO/AUDIO SECTION)

MODE / PIN NO.	STOP
IC1002	
1	5.3
2	4.2
3	1.2
4	7.3
IC1003	
1	2.5
2	0
3	3.7
IC3001	
1	-
2	0
3	-
4	5.1
5	2.1
6	2.6
7	2.8
8	1.9
9	1.9
10	1.9
11	2.6
12	1.6
13	0
14	2.7
15	2.7
16	2.0
17	2.8
18	2.0
19	2.7
20	0
21	2.7
22	5.0
23	2.3
24	-
25	0
26	3.0
27	-
28	0
29	2.2
30	2.8
31	-
32	2.5
33	2.1
34	-
35	3.0
36	2.3
37	3.0
38	2.2
39	1.4
40	2.1
41	3.0
42	2.0
43	2.1
44	0
45	3.2

MODE / PIN NO.	STOP
46	3.2
47	5.0
48	4.8
49	3.2
50	5.0
51	2.0
52	5.0
53	2.6
54	0
55	2.1
56	0
57	2.2
58	2.2
59	4.9
60	4.9
61	3.9
62	2.3
63	2.2
64	2.3
65	2.3
66	2.3
67	2.2
68	1.2
69	2.0
70	2.7
71	0
72	4.8
73	3.7
74	3.4
75	2.8
76	2.2
77	2.8
78	0
79	0
80	2.3
81	0
82	-
83	3.4
84	5.0
85	2.2
86	2.2
87	2.2
88	0
89	2.2
90	2.2
91	2.2
92	5.1
93	1.5
94	2.5
95	2.5
96	2.5
97	0
98	2.3
99	0
100	2.6

MODE / PIN NO.	STOP
IC3002	
1	0
2	2.2
3	12.0
4	2.2
5	0
6	2.6
IC4201	
1	0.4
2	0
3	2.5
4	0
5	2.5
6	2.5
7	2.2
8	0.4
9	0
10	0
11	0
12	2.2
13	2.6
14	0
15	0
16	2.6
17	0.8
18	2.6
19	2.5
20	2.1
21	2.1
22	2.1
23	0
24	2.1
25	5.0
26	2.1
27	0
28	3.8
29	1.5
30	0.8
31	0.1
32	2.5
33	2.5
34	0.7
35	2.5
36	0.1
37	1.7
38	0
39	-
40	5.0
41	0
42	4.9
43	4.9
44	0
45	0
46	0
47	2.5

MODE / PIN NO.	STOP
48	2.3
49	0.4
50	3.6
51	5.0
52	3.6
53	6.0
54	2.5
55	0
56	0
57	6.0
58	12.0
59	0.2
60	0.2
61	2.5
62	2.5
63	2.8
64	0.6
D,G	
IC4301	
1	-
2	-
3	0
4	0
5	0
6	0
7	-12.0
8	0
9	11.8
10	11.8
11	11.8
12	0.1
13	0.1
14	0.1
15	-
16	12.0
D,G	
IC4302	
1	0
2	3.6
3	0.2
4	-12.0
5	0.1
6	0.4
7	0
8	-12.0
IC4303	
1	7.7
2	7.7
3	7.7
4	-12.0
5	7.7
6	7.7
7	7.7
8	12.0
IC4304	

MODE / PIN NO.	STOP
1	0
2	7.7
3	7.7
4	7.7
5	0
6	0
7	-12.0
8	0
9	15.3
10	15.3
11	15.3
12	0
13	7.7
14	0
15	7.7
16	12.0
Q1001	
S	0
G	1.9
D	155
Q1002	
S	155
G	161
D	111
Q1003	
E	0
C	1.9
B	0
Q1004	
E	33.5
C	0.2
B	33.4
Q1005	
E	0
C	2.1
B	0.5
Q1006	
E	0
C	33.4
B	0
Q1007	
E	33.5
C	33.4
B	32.7
Q1008	
E	0
C	0
B	3.6
Q1009	
E	0.5
C	8.6
B	0.4
Q1010	
E	3.8
C	9.0

MODE / PIN NO.	STOP
B	0.4
Q1011	
E	0
C	0.4
B	0
Q1012	
E	0
C	0.3
B	0
Q1013	
E	12.0
C	16.8
B	12.6
Q1014	
E	5.1
C	5.2
B	5.9
Q1015	
E	0
C	12.6
B	0.6
D,G	
Q1201	
E	5.7
C	5.8
B	0
D,G	
Q1202	
E	-28.7
C	-28.6
B	5.8
D,G	
Q1203	
E	0
C	0
B	5.0
A,B,C,E,F	
Q1204	
E	33.5
C	33.5
B	0
A,B,C,E,F	
Q1205	
E	0
C	0
B	0.7
D,G	
Q1206	
E	-17.1
C	-17.1
B	5.0
A,B,C,E,F	
Q1207	
E	5.1
C	5.7

MODE / PIN NO.	STOP
B	5.7
A,B,C,E,F	
Q1208	
E	0
C	5.7
B	0.6
Q1209	
E	12.0
C	12.0
B	11.4
Q1210	
E	-28.7
C	-28.6
B	-28.0
Q3001	
E	1.5
C	5.1
B	2.2
Q3003	
E	2.9
C	0
B	2.2
Q3005	
E	2.2
C	5.1
B	2.9
Q3014	
E	0
C	0
B	0
Q4009	
E	0
C	0
B	-0.4
Q4012	
E	0
C	-0.4
B	0
Q4081	
E	5.1
C	4.9
B	2.8
Q4082	
E	0
C	0
B	0.8
Q4083	
E	0
C	0
B	0.8
Q4101	
E	0
C	0
B	0
Q4172	

MODE / PIN NO.	STOP
E	0
C	0
B	5.1
Q4304	
E	0
C	15.3
B	0
Q4306	
E	0
C	12.0
B	0
D,G	
Q4307	
E	0
C	11.8
B	0
TP1002	16.8
TP1003	-27.9
TP1005	5.2
TP1006	-28.7
TP1007	0
TP1010	6.0
TP1013	8.8
TP1201	12.0
TP1203	5.2
G,D	
TP1204	-17.1
A,B,C,E,F	
TP1204	0
G,D	
TP1205	-30.1
A,B,C,E,F	
TP1205	5.0
TP1206	-12.5
TP1207	3.5
TP1208	0
TP1209	0.4
TP3001	2.2
TP3002	2.2
TP3003	2.2
TP4002	0
TP4101	0
TP4102	0
TP4103	0
TP4201	0
TP4202	0
TP4203	0
TP4204	0
TP4205	1.5
TP4206	3.8
TP4207	0.8
TP4208	0.4
TP4209	0
TP4210	0

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

VOLTAGE CHART
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

DVD MAIN C.B.A.

MODE / PIN NO.	STOP
IC8001	
1	-
2	-
3	0
4	-
5	-
6	3.3
7	-
8	-
9	0
10	-
11	-
12	3.3
13	-
14	-
15	-
16	0
17	-
18	-
19	3.3
20	0
21	3.4
22	3.4
23	-
24	-
25	-
26	1.2
27	-
28	3.3
29	0
30	0.4
31	0.9
32	-
33	-
34	3.3
35	0
36	-
37	-
38	2.2
39	-
40	-
41	-
42	-
43	0.3
44	1.2
45	0.1
46	-
47	-
48	3.3
49	0
50	-
51	-
52	2.0
53	3.3
54	-

MODE / PIN NO.	STOP
55	-
56	3.4
57	3.4
58	3.3
59	3.3
60	3.4
61	-
62	3.3
63	0
64	0
65	-
66	3.4
67	3.4
68	-
69	3.4
70	-
71	0.1
72	1.2
73	3.4
74	0
75	1.7
76	2.4
77	-
78	0.1
79	-
80	3.4
81	
82	3.1
83	-
84	3.3
85	-
86	-
87	0
88	-
89	1.2
90	3.4
91	3.4
92	3.4
93	0
94	-
95	-
96	-
97	-
98	3.3
99	0.9
100	0
101	2.4
102	2.2
103	1.9
104	0.3
105	0
106	1.4
107	3.3
108	2.1
109	-

MODE / PIN NO.	STOP
110	1.9
111	1.9
112	1.7
113	1.7
114	1.7
115	1.7
116	1.7
117	1.7
118	3.3
119	2.0
120	1.7
121	1.5
122	0
123	0.4
124	1.2
125	0.4
126	0.2
127	2.3
128	1.7
129	2.3
130	2.2
131	2.4
132	2.4
133	2.4
134	2.4
135	2.0
136	2.0
137	2.0
138	2.0
139	1.8
140	-
141	3.4
142	1.3
143	-
144	2.1
145	0
146	0.5
147	1.7
148	1.7
149	0.7
150	0
151	0.5
152	0.5
153	1.4
154	1.4
155	2.2
156	0.5
157	0
158	0.9
159	3.3
160	0
161	3.3
162	0
163	1.8
164	0

MODE / PIN NO.	STOP
165	1.7
166	1.7
167	3.3
168	1.6
169	1.8
170	1.7
171	1.4
172	1.3
173	0
174	0
175	0
176	0
177	1.7
178	3.3
179	0
180	-
181	-
182	-
183	-
184	-
185	-
186	-
187	-
188	-
189	-
190	3.3
191	0
192	-
193	1.5
194	-
195	-
196	3.3
197	-
198	-
199	-
200	-
201	0
202	3.3
203	-
204	-
205	0
206	-
207	-
208	-
209	3.3
210	-
211	-
212	-
213	0
214	2.4
215	2.4
216	3.3
217	-
218	0
219	1.3

MODE / PIN NO.	STOP
220	-
221	-
222	0
223	-
224	-
225	3.3
226	-
227	-
228	-
229	0
230	-
231	3.3
232	1.7
233	-
234	2.3
235	0
236	1.3
237	-
238	-
239	3.3
240	3
241	3.3
242	0
243	1.9
244	3.3
245	3.2
246	3.3
247	0
248	0
249	2.4
250	0
251	1.5
252	-
253	0
254	-
255	3.3
256	-
IC8002	
1	-
2	-
3	-
4	-
5	-
6	0
7	-
8	-
9	0.1
10	3.4
11	3.4
12	3.4
13	-
14	3.3
15	0.9
16	0.9
17	0.3

MODE / PIN NO.	STOP
18	-
19	-
20	-
21	-
22	-
23	-
24	-
25	-
26	-
27	-
28	-
29	-
30	-
31	-
32	-
33	-
34	-
35	-
36	-
37	-
38	-
39	-
40	-
41	-
42	-
43	-
44	-
45	-
46	0
47	3.3
48	0.4
IC8003	
1	3.3
2	-
3	3.3
4	-
5	-
6	0
7	-
8	-
9	3.3
10	-
11	-
12	0
13	-
14	3.3
15	2.4
16	0
17	3.2
18	3.3
19	3.0
20	2.3
21	1.7
22	-
23	-

MODE / PIN NO.	STOP
24	-
25	-
26	-
27	3.3
28	0
29	-
30	-
31	-
32	-
33	-
34	-
35	-
36	-
37	3.3
38	3.3
39	1.5
40	-
41	0
42	-
43	3.3
44	-
45	-
46	0
47	-
48	-
49	3.3
50	-
51	-
52	0
53	-
IC8004	
1	0
2	0
3	0
4	0
5	3.3
6	3.2
7	0
8	3.3
IC8005	
1	1.2
2	1.1
3	3.3
4	3.3
5	0
6	0
7	2.2
8	2.2
IC8401	
1	5.0
2	2.4
3	5.0
4	-
5	0

MODE / PIN NO.	STOP
6	1.7
7	2.5
8	0
9	0
10	0
11	-
12	0.5
13	0
14	2.6
15	5.0
16	2.6
17	0
18	2.8
19	2.8
20	0
21	2.8
22	2.8
23	0
24	2.9
25	2.9
26	0
27	1.7
28	1.7
29	0
30	1.8
31	1.8
32	0
33	2.4
34	5.0
IC8501	
1	1.7
2	0.1
3	1.7
4	0
5	3.3
6	5
7	0.1
8	0.1
9	0
10	0
11	-
12	-
13	1.6
14	0.4
15	3.3
16	0.3
IC8503	
1	6.2
2	1.0
3	6.2
4	0
5	6.0
6	6.0
7	0.1
8	12.0

MODE / PIN NO.	STOP
IC8801	
1	2.3
2	5.9
3	6.1
4	5.9
5	5.9
6	5.9
7	0.1
8	5.9
9	5.9
10	2.7
11	2.7
12	0
13	0
14	0
15	0
16	0
17	0
18	2.7
19	6.1
20	1.7
21	0.8
22	0.5
23	0.9
24	1.0
25	6.1
26	1.0
27	1.7
28	0.9
29	0.6
30	0.8
31	0.8
32	5.0
33	0.8
34	0.8
35	0.8
36	0.7
37	0.7
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.9
46	0.9
47	0.8
48	0.8
49	0.1
50	6.0
51	0.1
52	1.7
53	1.7
54	5.0

MODE / PIN NO.	STOP
Q8501	
E	0
C	3.3
B	3.3
Q8502	
E	3.3
C	0
B	0
Q8503	
E	3.3
C	0
B	0
Q8504	
E	0
C	0
B	0.1
Q8505	
E	0.1
C	3.3
B	0
Q8901	
E	0.1
C	0
B	0
Q8902	
E	5.1
C	0
B	5.1
Q8903	
E	5.1
C	0
B	5.1
Q8904	
E	5.1
C	0
B	5.1
Q8905	
E	0
C	3.9
B	0.3
Q8906	
E	5.0
C	5.1
B	0.1
Q8907	
1	0.5
2	0
3	0.2
4	0.1
5	0.1
TP8001	0
TP8002	0
TP8003	2.2
TP8005	4.4

MODE / PIN NO.	STOP
TP8006	3.4
TP8007	3.4
TP8008	4.8
TP8009	2.9
TP8010	3.5
TP8011	3.3
TP8012	1.3
TP8013	3.3
TP8014	0
TP8015	3.3
TP8016	0
TP8017	0
TP8018	1.7
TP8019	1.8
TP8020	1.7
TP8021	0
TP8022	1.6
TP8023	1.4
TP8024	2.0
TP8025	1.7
TP8026	1.5
TP8027	1.6
TP8028	1.6
TP8029	1.5
TP8030	1.5
TP8031	1.7
TP8032	0.1
TP8033	0.1
TP8034	0.1
TP8401	0.5
TP8402	1.2
TP8403	0.4
TP8404	0.5
TP8405	0.5
TP8406	0.1
TP8407	1.2
TP8408	0.4
TP8409	0.1
TP8410	1.6
TP8411	1.6
TP8412	0
TP8416	0
TP8504	0
TP8505	1.6
TP8506	3.3
TP8507	3.1
TP8508	3.3
TP8509	0
TP8510	1.7
TP8511	2.6
TP8512	2.6
TP8519	6.0
TP8520	6.0
TP8521	0
TP8522	12.0

MODE / PIN NO.	STOP
TP8523	5.1
TP8801	0.8
TP8802	0.6
TP8803	5.7
TP8804	5.6
TP8805	1.8
TP8806	1.8
TP8807	1.8
TP8808	1.7
TP8809	0.4
TP8810	1.4
TP8811	1.4
TP8812	2.7
TP8813	5.9
TP8814	1.7
TP8815	1.7
TP8816	0.6
TP8817	0.6
TP8818	0.6
TP8819	0.7
TP8820	0
TP8901	0.1
TP8902	5.1
TP8903	5.1
TP8904	5.1
TP8905	0
TP8906	0.4
TP8907	0.2
TP8908	0
TP8909	0
TP8910	0.1
TP8911	5.0
TP8912	2.3
TP8913	2.3
TP8914	2.3
TP8915	2.2
TP8916	2.5
TP8917	2.5
TP8918	0
TP8919	2.3
TP8920	2.3
TP8921	2.3
TP8922	2.3
TP8923	2.3
TP8924	0
TP8925	0.3

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

VOLTAGE CHART
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

DVD SUB C.B.A.

MODE / PIN NO	STOP
TP8954	0.6
TP8955	0.7

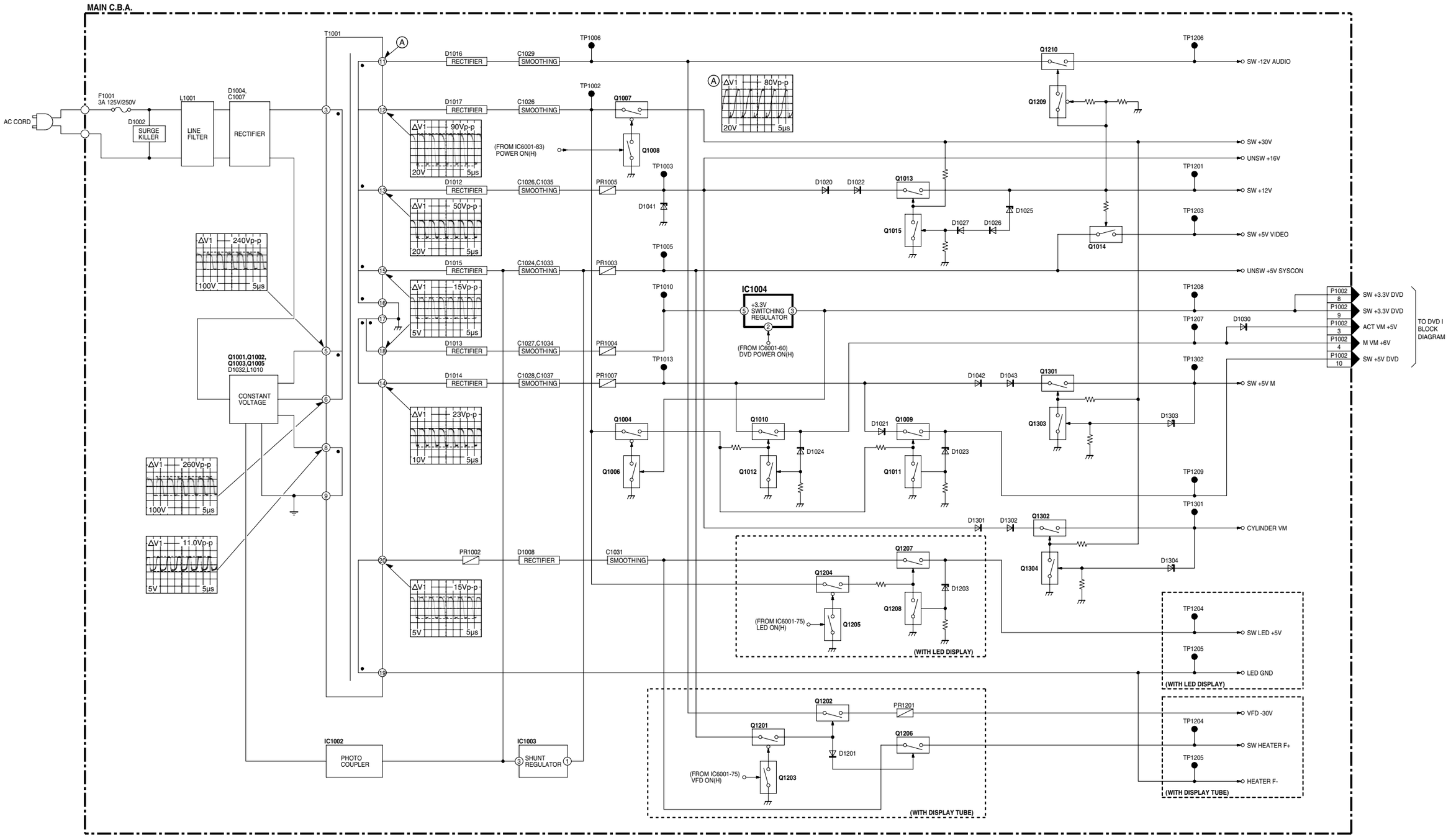
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

VOLTAGE CHART
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

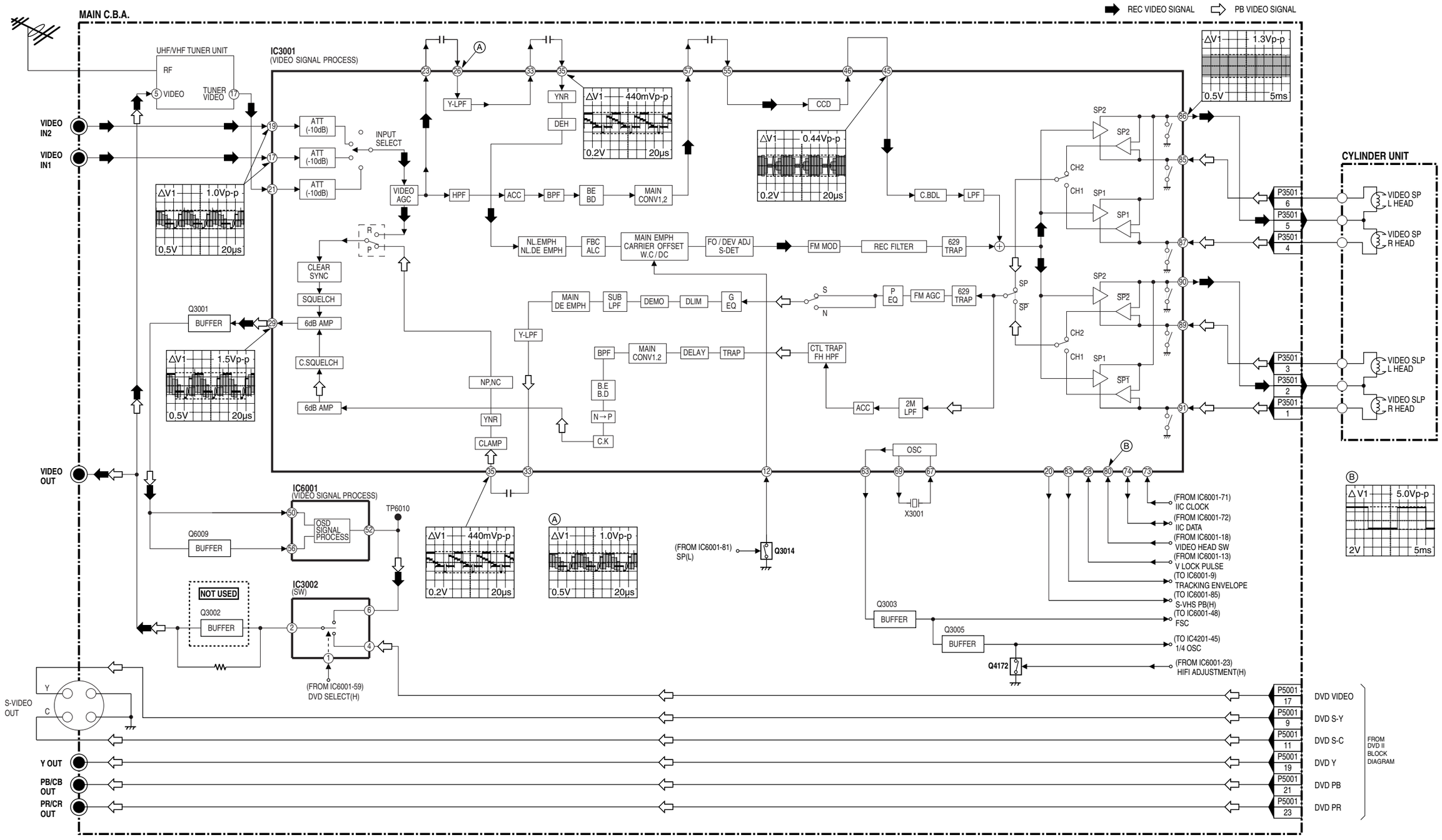
POWER SUPPLY BLOCK DIAGRAM



POWER SUPPLY BLOCK DIAGRAM

PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

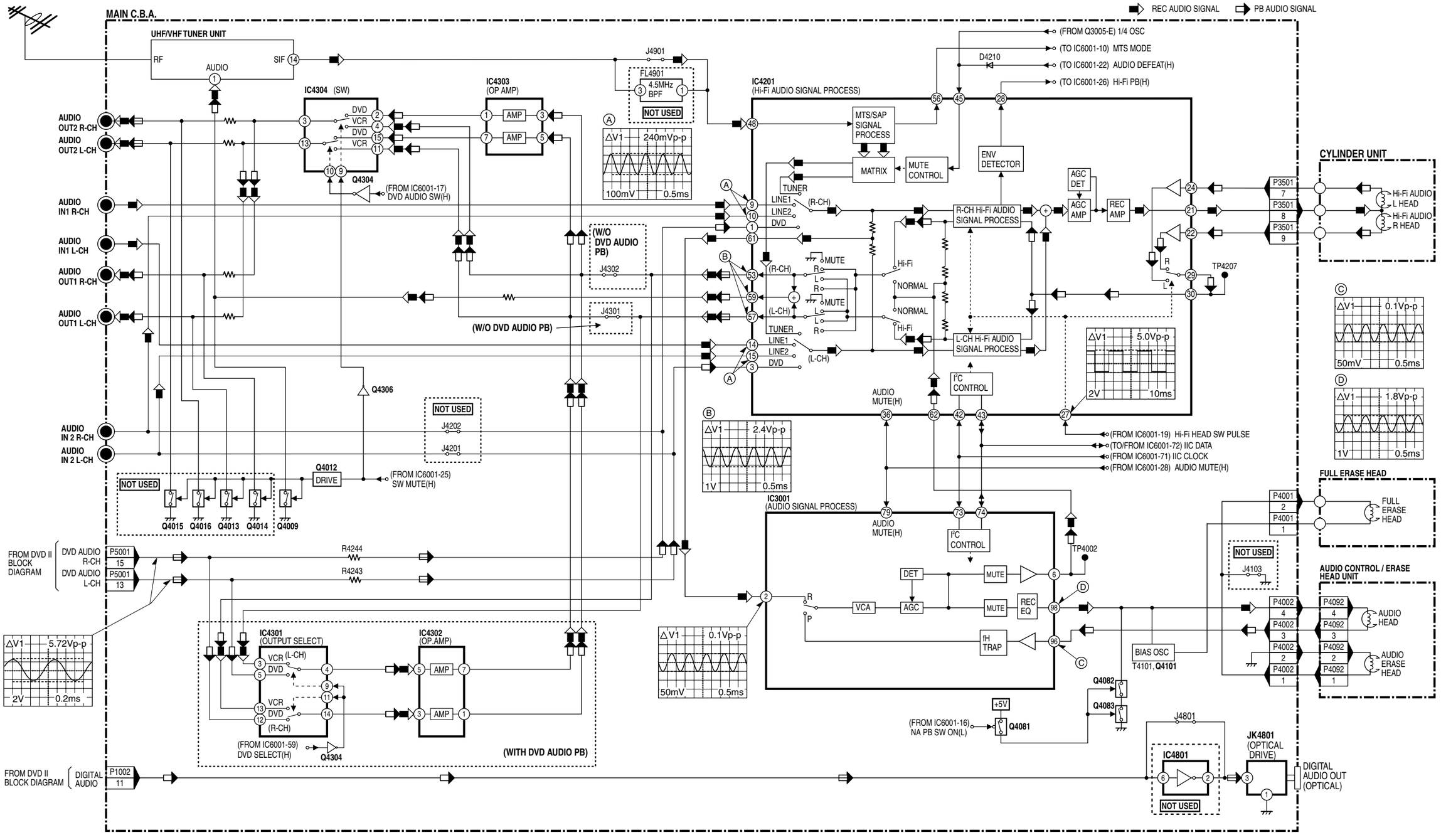
VIDEO SIGNAL PATH BLOCK DIAGRAM



VIDEO SIGNAL PATH BLOCK DIAGRAM

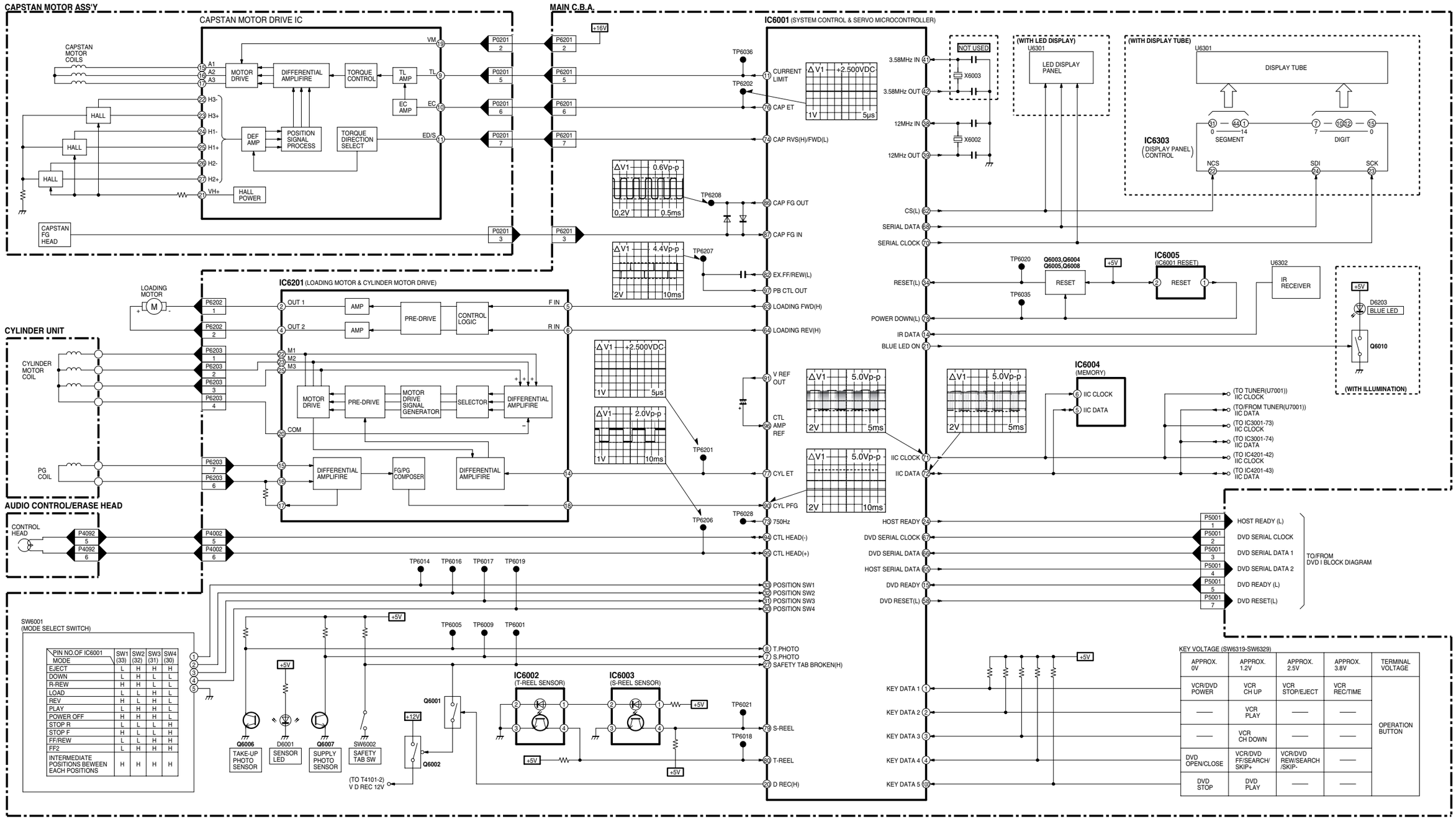
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

AUDIO SIGNAL PATH BLOCK DIAGRAM



AUDIO SIGNAL PATH BLOCK DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

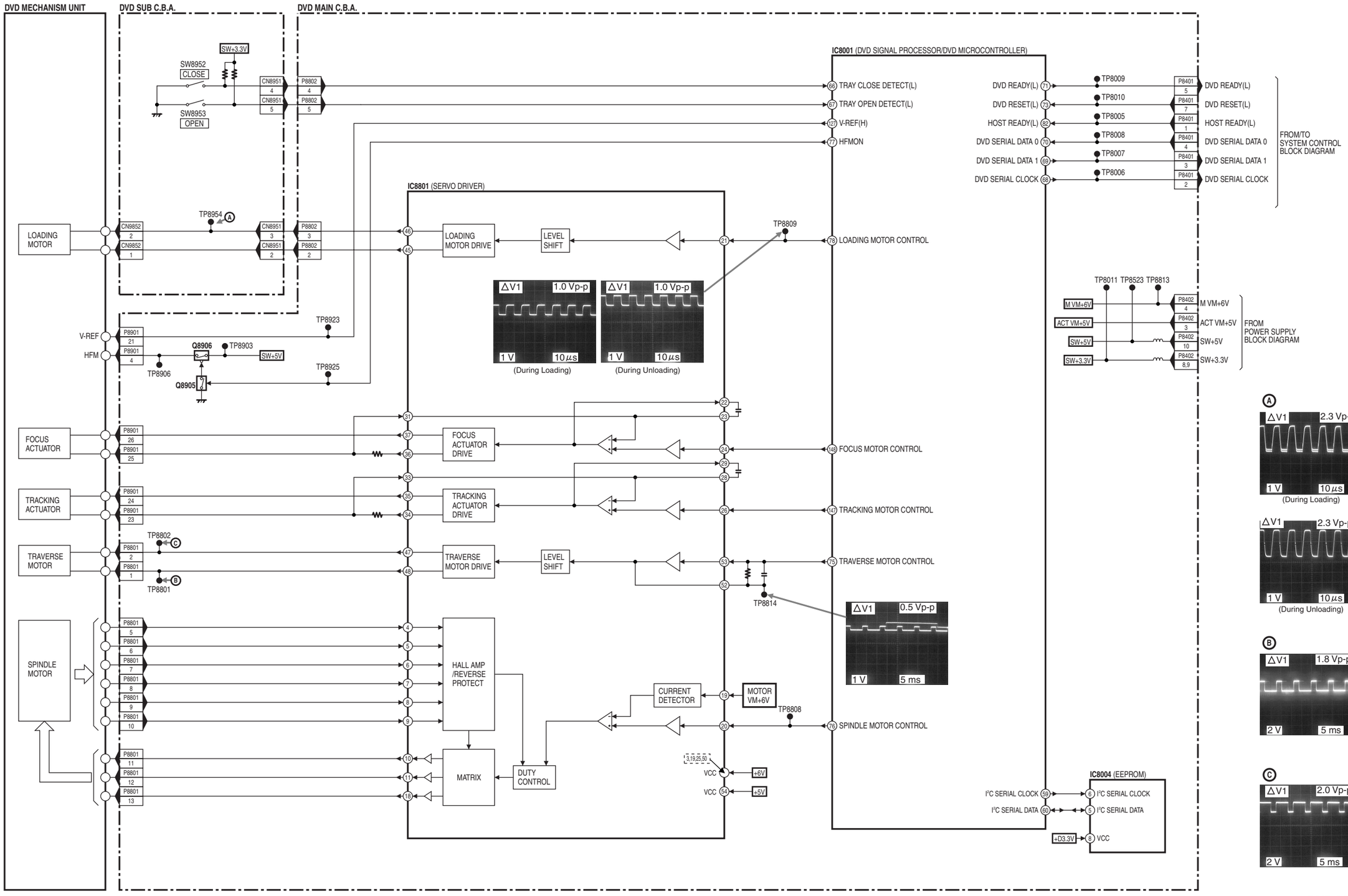
SYSTEM CONTROL / SERVO BLOCK DIAGRAM



SYSTEM CONTROL / SERVO BLOCK DIAGRAM

PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

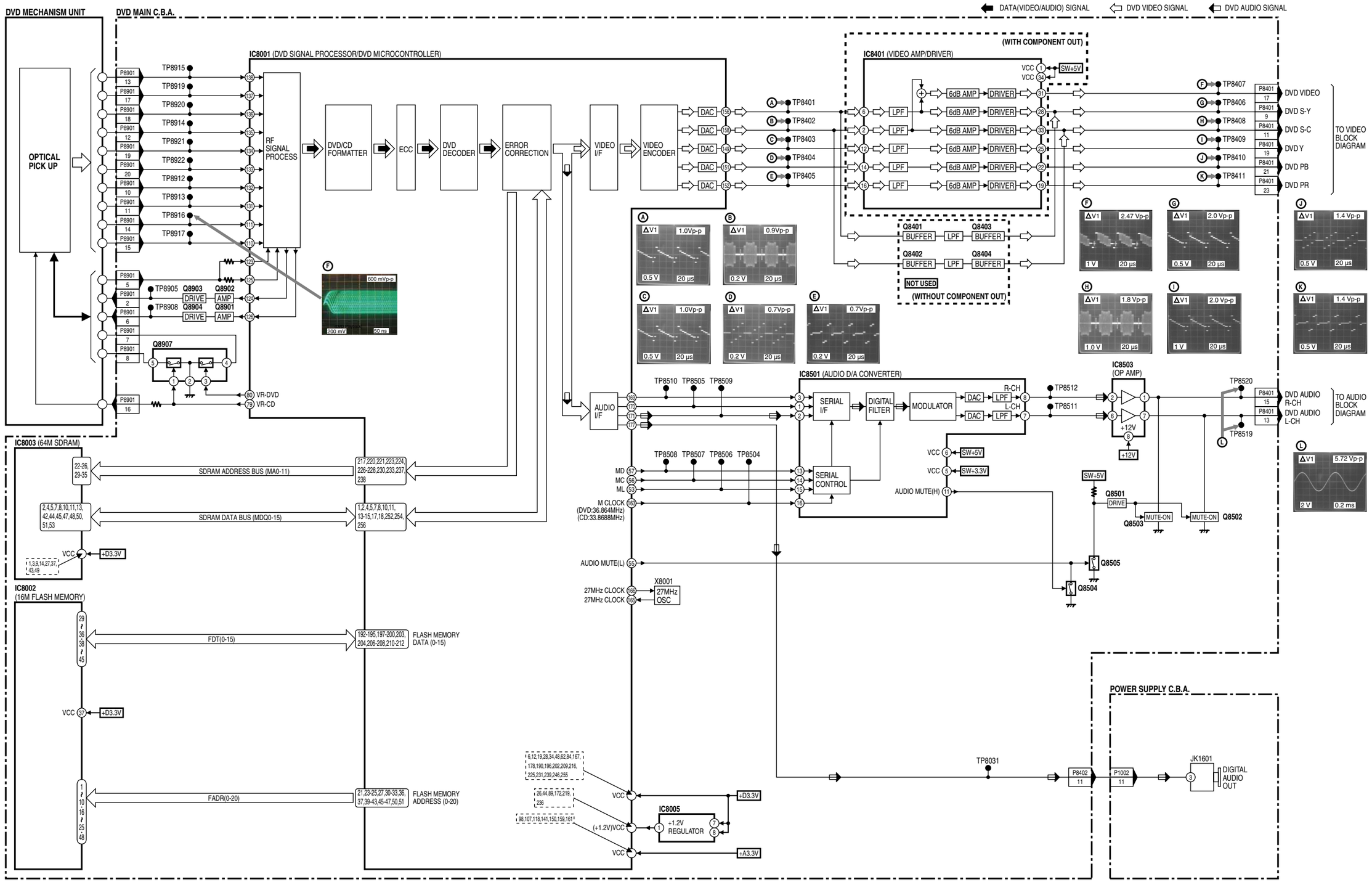
DVD I BLOCK DIAGRAM



DVD I BLOCK DIAGRAM

PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

DVD II BLOCK DIAGRAM



DVD II BLOCK DIAGRAM

PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

Troubleshooting Hints

How to confirm whether DVD circuit or other circuits is defective.

NOTE:
Host communication may not occur correctly between IC6001 on the Main C.B.A. and IC8001 on the DVD Main C.B.A. when there is a problem on the DVD Main C.B.A.
(Serial Data Communication failure between IC6001 and IC8001 within 30sec. IC6001 will switch automatically to VCR.)
(Check the VCR mode indicator and DVD mode indicator on the Multi Function Display.)
Check the voltage during the 30 seconds during which the unit remains in DVD mode.

1) Confirm DVD operation and VCR operation

1. Playback a VHS tape.
2. Playback a DVD disc.

Both NG → Main C.B.A. is defective. Repair the Main C.B.A.

No PB VCR only → Main C.B.A. is defective. Repair the Main C.B.A.

No PB DVD only →

First, confirm that the Main C.B.A. is O.K. other than DVD Mechanism Unit and DVD Main C.B.A. by referring to "Communication Timing Chart 1," and "Communication Timing Chart 2."
Check points:
1. All Power Supply Voltages for DVD circuit (TP8011 (SW_3.3V_DVD), TP8523 (SW_5V_DVD), TP8813 (M_VM_6V), Pin3 of P8402 (ACT_VM_5V) on the DVD Main C.B.A.)
2. Output Signal from DVD Main C.B.A.(TP8009 (D_RDY)), Output Signal from Main C.B.A.(TP8005 (H_RDY)) (TP8009 (D_RDY), TP8005 (H_RDY) on the DVD Main C.B.A.)

NG → Main C.B.A. is defective. Repair the Main C.B.A.

OK →

DVD circuit is defective.
Perform troubleshooting referring to "How to confirm whether DVD Mechanism Unit or DVD Main C.B.A. is defective."

How to confirm whether DVD Mechanism Unit or DVD Main C.B.A. is defective.

Confirm communication between DVD Main C.B.A. and Main C.B.A. by referring to "Communication Timing Chart 2."
Check points:
1. Output Signal from DVD Main C.B.A. (TP8006 (DVD_SCK) on the DVD Main C.B.A.)

NG → DVD Main C.B.A. is defective. Repair the DVD Main C.B.A.
IC8001 or the circuit around it is defective.

OK →

Confirm that the OPEN/CLOSE TRAY works correctly.

NG → DVD Mechanism Unit or IC8801 is defective. Repair it by referring to the "Tray Operation Problem. "

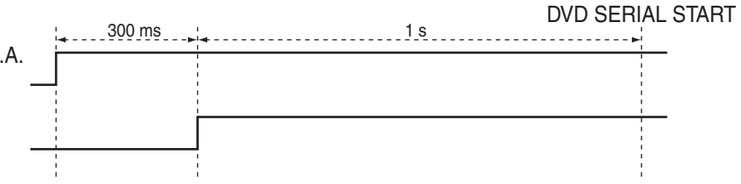
OK →

Playback the test DVD disc.

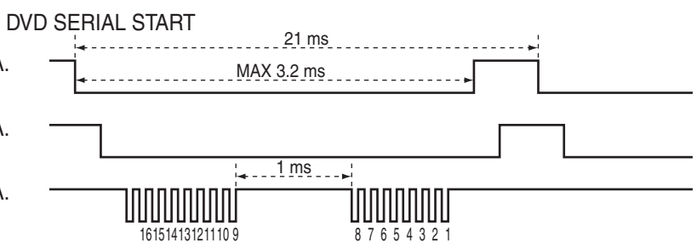
The Message "PLEASE CHECK THE DISC, AND FOR STAINS OR SCRATCHES ON DISC" appears. →
DVD Mechanism Unit or IC8801 or IC8001 is defective. Repair it referring to "Spindle Motor Operation Problem," and " Traverse Operation Problem," "Cause: Pickup Problem."

If there is problem with audio or picture, even though it plays back. →
DVD Main C.B.A. is defective. Repair DVD Main C.B.A.

Communication Timing Chart 1



Communication Timing Chart 2


DVD SERIAL START
21 ms
MAX 3.2 ms
TP8005 on the DVD Main C.B.A. (H_RDY (VCR → DVD)
TP8009 on the DVD Main C.B.A. (D_RDY (DVD → VCR)
1 ms
TP8006 on the DVD Main C.B.A. (DVD_SCK (DVD → VCR)
16 15 14 13 12 11 10 9
8 7 6 5 4 3 2 1

Troubleshooting Hints of DVD Mechanism Unit

Tray Operation Problem

Check the signal at TP8954 on the DVD Sub C.B.A. (3.0 Vp-p)

OK → DVD Mechanism Unit is defective. Replace the DVD Mechanism Unit.

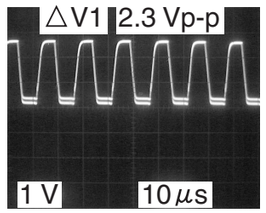
NG ↓

Check the signal at TP8809 (TRYIN) on the DVD Main C.B.A.

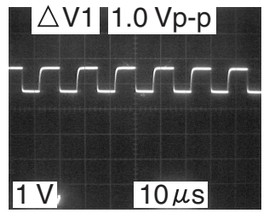
OK → IC8801 on the DVD Main C.B.A. is defective. Replace IC8801 on the DVD Main C.B.A.

NG ↓

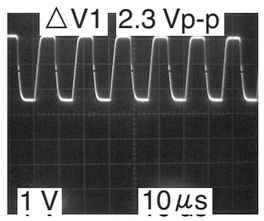
IC8001 on the DVD Main C.B.A. is defective. Replace IC8001 on the DVD Main C.B.A.



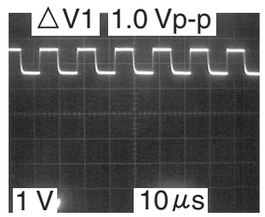
TP8954
(During Loading)



TP8809
(During Loading)



TP8954
(During Unloading)



TP8809
(During Unloading)

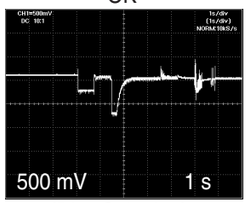
Spindle Motor Operation Problem

Note: Check the signal at TP8808 as soon as disc has been inserted. Otherwise, following waveform can not be monitored.

Check the signal at TP8808 (SPIN) on the DVD Main C.B.A.
NG → IC8001 on the DVD Main C.B.A. is defective. Replace IC8001 on the DVD Main C.B.A.
OK ↓
Replace IC8801 on the DVD Main C.B.A.
Still NG ↓
DVD Mechanism Unit is defective. Replace the DVD Mechanism Unit.

Signal at TP8808

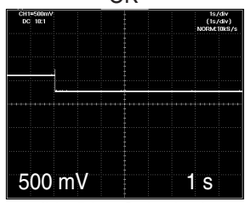
OK



(Disc Spinning)

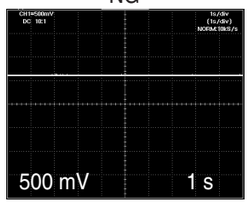
OR

OK



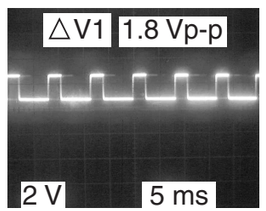
(No Disc Spinning)

NG

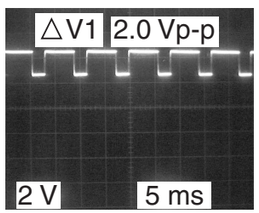


Traverse Operation Problem

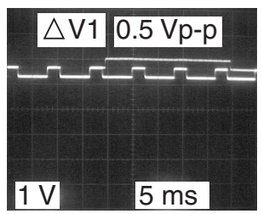
Check the signal at TP8801 and TP8802 on the DVD Main C.B.A.
OK → DVD Mechanism Unit is defective. Replace the DVD Mechanism Unit.
NG ↓
Check the signal at TP8814 on the DVD Main C.B.A.
OK → IC8801 on the DVD Main C.B.A. is defective. Replace IC8801 on the DVD Main C.B.A.
NG ↓
IC8001 on the DVD Main C.B.A. is defective. Replace IC8001 on the DVD Main C.B.A.



TP8801



TP8802



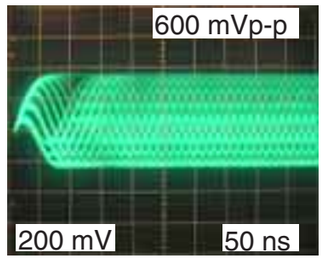
TP8814

Pickup Operation Problem

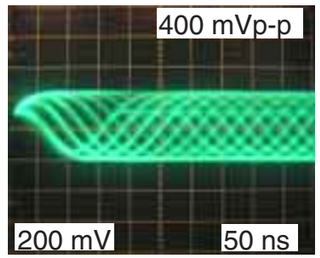
Note: Check the voltage during 10 to 20 seconds as soon as disc has been inserted.

Check the voltage at TP8903 on the DVD Main C.B.A. Is it +5.0 V ?
NG → Repair the around circuit of "5V-FEP" line.
OK ↓
Check the voltage at TP8923 on the DVD Main C.B.A. Is it +2.2 V ?
NG → Replace the IC8001 on the DVD Main C.B.A.
OK ↓
Check the voltage at TP8906 on the DVD Main C.B.A. Is it +5.0 V ?
NG → Check the voltage at TP8925 on the DVD Main C.B.A. Is it +2.0 V ?
NG → Replace the Q8905 and Q8906 on the DVD Main C.B.A.
OK → Replace the IC8001 on the DVD Main C.B.A.
OK ↓
Confirm Wave form at TP8916 from normal DVD Movie or CD.
NG → DVD Mechanism Unit is defective. Replace the DVD Mechanism Unit.
If the Message "PLEASE CHECK THE DISC, AND FOR STAINS OR SCRATCHES ON DISC" appears. ↓
IC8001 on the DVD Main C.B.A. is defective. Replace IC8001 on the DVD Main C.B.A.

RF Signal at TP8916



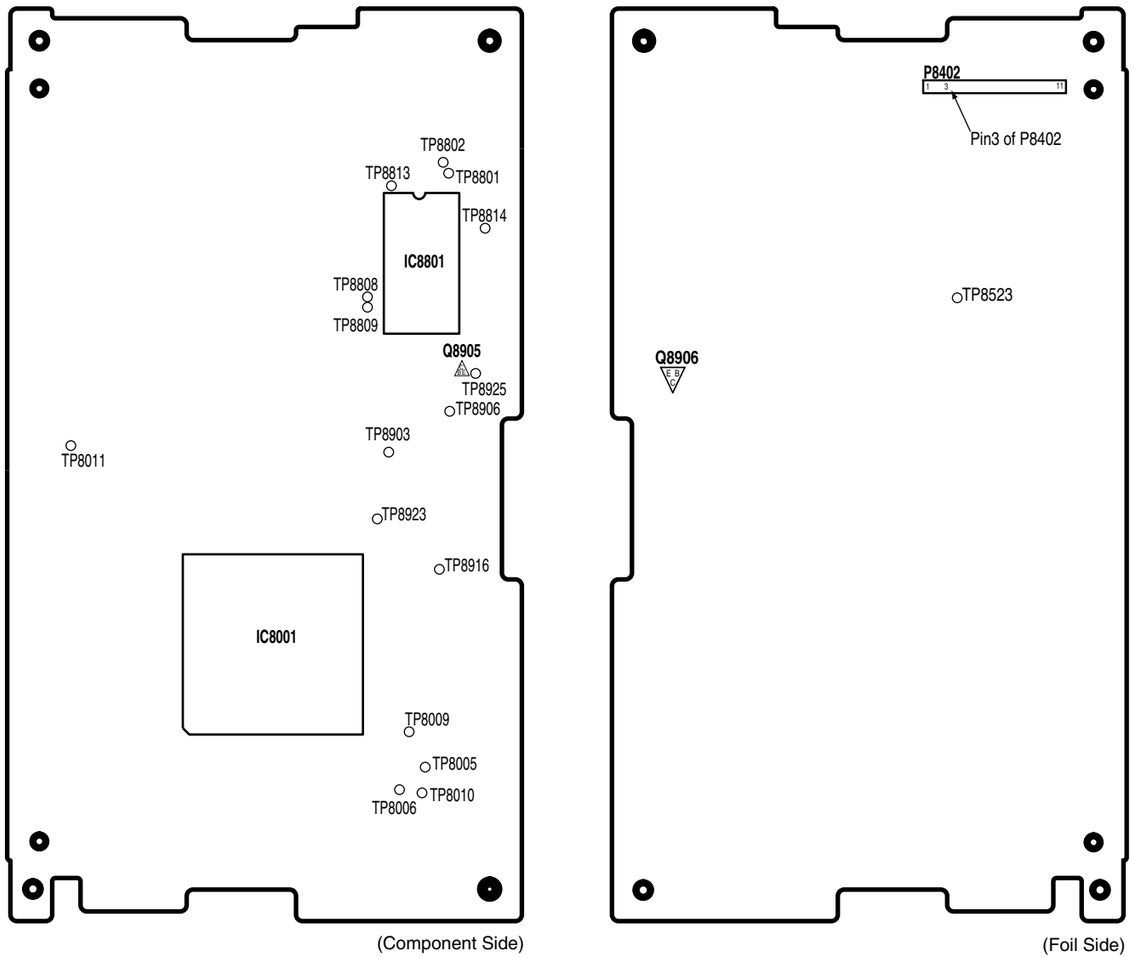
(DVD Playback)



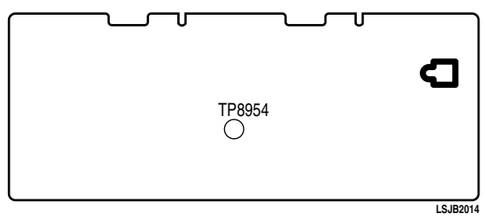
(CD Playback)

TEST POINTS LOCATION

DVD Main C.B.A.



DVD Sub C.B.A.



Test Point Information

● Test Point with a Test Pin.

Ⓘ Test Point with a jumper wire across a hole in the P.C.B.

○ Test Point with no Test Pin.

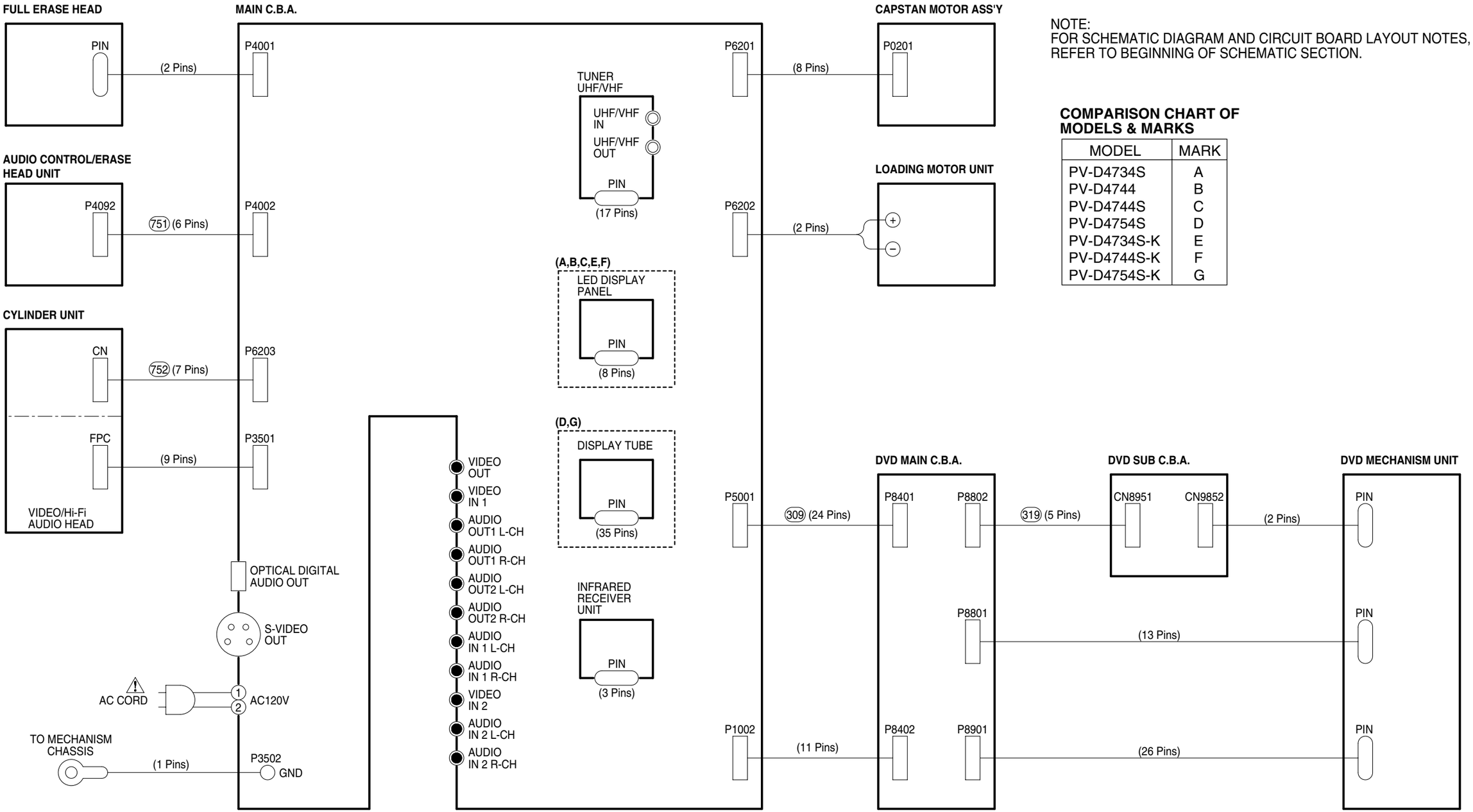
INTERCONNECTION SCHEMATIC DIAGRAM

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G



INTERCONNECTION SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

DVD MAIN I SCHEMATIC DIAGRAM

NOTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the parts list. Do not use the part number on this diagram.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

LINK TO I/O CHART

LINK TO VOLTAGE CHART

LSJB2145
DVD MAIN I SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/
PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

I/O CHART OF IC8002

Pin No.	I/O	Signal Name	Description
1	I	A15	Memory address 16
2	I	A14	Memory address 15
3	I	A13	Memory address 14
4	I	A12	Memory address 13
5	I	A11	Memory address 12
6	I	A10	Memory address 11
7	I	A9	Memory address 10
8	I	A8	Memory address 9
9	I	NC	Memory address 20
10	I	NC	Memory address 21
11	I	/WE	Write enable : low
12	I	/RST	Reset : low
13	-	NC	(Not used)
14	-	VPP/WP	(Not used)
15	I	RDY/BSY	DVD Ready (Busy : low)
16	I	A18	Memory address 19
17	I	A17	Memory address 18
18	I	A7	Memory address 8
19	I	A6	Memory address 7
20	I	A5	Memory address 6
21	I	A4	Memory address 5
22	I	A3	Memory address 4
23	I	A2	Memory address 3
24	I	A1	Memory address 2
25	I	A0	Memory address 1
26	I	/CE	Memory chip select : low
27	-	VSS	Ground
28	I	/OE	Output enable : low
29	I/O	DQ0	Memory data 0
30	I/O	DQ8	Memory data 8
31	I/O	DQ1	Memory data 1
32	I/O	DQ9	Memory data 9
33	I/O	DQ2	Memory data 2
34	I/O	DQ10	Memory data 10
35	I/O	DQ3	Memory data 3
36	I/O	DQ11	Memory data 11
37	I	VCC	+3.3V
38	I/O	DQ4	Memory data 4
39	I/O	DQ12	Memory data 12
40	I/O	DQ5	Memory data 5
41	I/O	DQ13	Memory data 13
42	I/O	DQ6	Memory data 6
43	I/O	DQ14	Memory data 14
44	I/O	DQ7	Memory data 7
45	I/O	DQ15A-1	Memory data 15
46	-	VSS	Ground
47	I	/BYTE	+3.3V
48	I	A16	Memory address 16

I/O CHART OF IC8003

Pin No.	I/O	Signal Name	Description
1	I	VDD	+3.3V
2	I/O	DQ0	SDRAM data 0
3	I	VDDQ	+3.3V
4	I/O	DQ1	SDRAM data 1
5	I/O	DQ2	SDRAM data 2
6	-	VSSQ	Ground
7	I/O	DQ3	SDRAM data 3
8	I/O	DQ4	SDRAM data 4
9	I	VDDQ	+3.3V
10	I/O	DQ5	SDRAM data 5
11	I/O	DQ6	SDRAM data 6
12	-	VSSQ	Ground
13	I/O	DQ7	SDRAM data 7
14	I	VDD	+3.3V
15	I	LDQM	Data input/output mask
16	I	/WE	Write enable : low
17	I	/CAS	Column address strobe : low
18	I	/RAS	Row address strobe :low
19	I	/CS	SDRAM chip select : low
20	I	BA0	Bank address 0
21	I	BA1	Bank address 1
22	I	A10/AP	SDRAM address 10
23	I	A0	SDRAM address 0
24	I	A1	SDRAM address 1
25	I	A2	SDRAM address 2
26	I	A3	SDRAM address 3
27	I	VDD	+3.3V
28	-	VSS	Ground
29	I	A4	SDRAM address 4
30	I	A5	SDRAM address 5
31	I	A6	SDRAM address 6
32	I	A7	SDRAM address 7
33	I	A8	SDRAM address 8
34	I	A9	SDRAM address 9
35	I	A11	SDRAM address 11
36	-	NC	(Not used)
37	-	CKE	(Not used)
38	I	CLK	SDRAM clock
39	I	UDQM	Data input/output mask
40	-	NC/RFU	(Not used)
41	-	VSS	Ground
42	I/O	DQ8	SDRAM data 8
43	I	VDDQ	+3.3V
44	I/O	DQ9	SDRAM data 9
45	I/O	DQ10	SDRAM data 10
46	-	VSSQ	Ground
47	I/O	DQ11	SDRAM data 11
48	I/O	DQ12	SDRAM data 12
49	I	VDDQ	+3.3V
50	I/O	DQ13	SDRAM data 13
51	I/O	DQ14	SDRAM data 14
52	-	VSSQ	Ground
53	I/O	DQ15	SDRAM data 15
54	-	VSS	Ground

I/O CHART OF IC8004

Pin No.	I/O	Signal Name	Description
1	-	A0	(Not used)
2	-	A1	(Not used)
3	-	A2	(Not used)
4	-	VSS	Ground
5	I/O	SDA	Serial data
6	I	SCL	Serial clock
7	-	WP	Write protect
8	I	VCC	+3.3V

I/O CHART OF IC8002, IC8003, IC8004
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/
PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

DVD MAIN II SCHEMATIC DIAGRAM

NOTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the parts list. Do not use the part number on this diagram.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

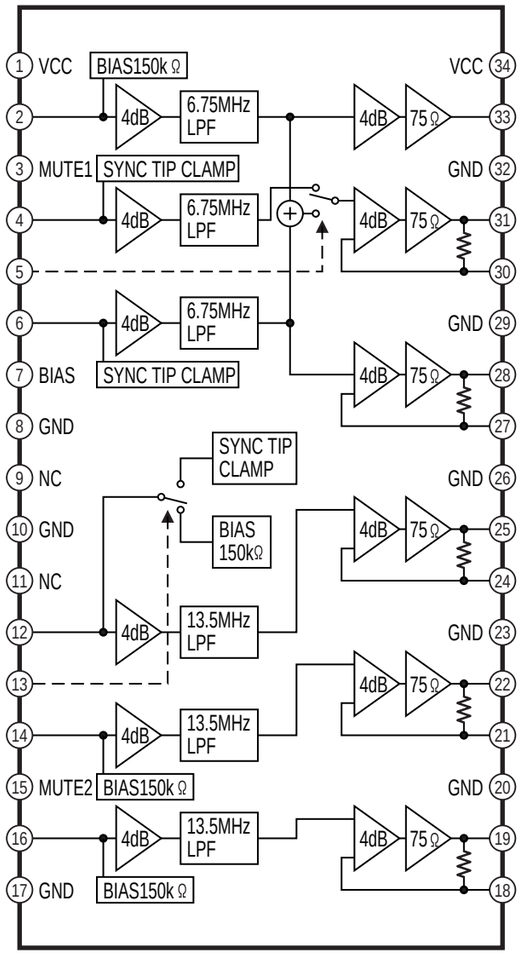
PB VIDEO SIGNAL
PB AUDIO SIGNAL

w/ DVD_COMBI
w/ DVD_VCR
IC8401 MM1568BJBEG (VIDEO AMP)
Q8401 2SB1218AR (BUFFER)
Q8402 2SB1218AR (BUFFER)
Q8403 2SB1218AR (BUFFER)
Q8404 2SB1218AR (BUFFER)
IC8501 PCM1752K (AUDIO D/A CONVERTER)
IC8502 NE5532DR (OP AMP)
Q8501 UN5115 (AUDIO MUTE DRIVE)
Q8502 UN5215 (AUDIO MUTE-ON)
Q8503 UN5215 (AUDIO MUTE-ON)
Q8504 UN5215 (AUDIO MUTE-ON)
Q8505 UN5215 (INVERTER)
FL8501 ACH3218-332-T
FL8502 ACH3218-332-T
FL8401 PT
FL8402 NFE31PT222Z1E9L
L8401 BLM18PG600SN1D
L8408 BLM18PG600SN1D
L8409 MPZ1608S221A
L8410 PT
L8411 0
L8412 MPZ2012S221A
L8413 MPZ1608S221A
L8414 PT 2012
L8415 MPZ2012S221A
L8416 BLM18AG102SN1D
L8417 PT
L8418 BLM18AG102SN1D
L8419 BLM18AG102SN1D
L8420 BLM18AG102SN1D
L8421 BLM18AG102SN1D
L8422 BLM18AG102SN1D
L8424 BLM18AG102SN1D
L8429 MPZ1608S221A
L8431 BLM18BD601SN1D
L8433 BLM18BD601SN1D
L8434 BLM18BD601SN1D
L8435 BLM18BD601SN1D
L8436 BLM18BD601SN1D
L8437 BLM18BD601SN1D
L8501 BLM18AG102SN1D
L8503 BLM18AG102SN1D
L8517 BLM18BD601SN1D
L8518 BLM18PG600SN1D
Common-mode Filter
PT
w/ DVD_COMBI
C8401 100/6.3V
C8402 1[KB]
C8403 330/6.3V
C8404 1
C8422 22P
C8423 1
C8424 1
C8425 100/6.3V
C8426 22P
C8427 39P
C8428 39P
C8429 22P
C8430 220/6.3V
C8431 1
C8434 0.01[KB]
C8435 0.1[KB]
C8436 PT
C8437 PT
C8439 1[KB]
C8440 1[KB]
C8441 226.3V
C8443 0.1
C8444 100/6.3V
C8445 226.3V
C8448 100/6.3V
C8449 226.3V
C8450 100/6.3V
C8451 226.3V
C8452 100/6.3V
C8453 330/6.3V
C8501 10/16V
C8502 10/16V
C8503 10/16V
C8504 10/16V
C8505 0.1
C8506 1
C8507 10/16V
C8508 10/16V
C8512 10/16V
C8513 10/16V
C8520 33/16V
C8521 100/16V
C8522 0.1
C8523 33/10V
C8536 100P
C8537 100P
C8544 1000P
C8545 1000P
C8549 PT
C8550 PT
C8552 PT
C8553 PT
C8554 PT
C8555 PT
C8566 10/16V
C8567 10/16V
C8568 10/16V
C8569 10/16V
R8401 1K
R8402 1K
R8403 1K
R8404 1K
R8405 3K
R8406 3K
R8407 PT
R8408 PT
R8409 1K
R8410 1K
R8418 120
R8419 120
R8420 120
R8421 56
R8422 56
R8423 68
R8424 68
R8425 68
R8426 33
R8427 33
R8501 22K
R8502 22K
R8503 22K
R8504 22K
R8517 PT
R8518 PT
R8519 PT
R8520 PT
R8533 3.9K (A,B,C,E,F) 2.2K (D,G)
R8534 3.9K (A,B,C,E,F) 2.2K (D,G)
R8535 3.9K (A,B,C,E,F) 2.2K (D,G)
R8536 3.9K (A,B,C,E,F) 2.2K (D,G)
R8549 PT
R8550 PT
R8557 4.7K (A,B,C,E,F) 2.2K (D,G)
R8558 4.7K (A,B,C,E,F) 2.2K (D,G)
R8565 47K
R8566 1K
R8567 47K
R8568 1K
R8569 PT
R8570 0
R8571 0
R8572 2200
R8651 0
TP8401 PT
TP8402 PT
TP8403 PT
TP8404 PT
TP8405 PT
TP8406 PT
TP8407 PT
TP8408 PT
TP8409 PT
TP8410 PT
TP8411 PT
TP8412 PT
TP8501 PT
TP8504 PT
TP8505 PT
TP8506 PT
TP8507 PT
TP8508 PT
TP8509 PT
TP8510 PT
TP8511 PT
TP8512 PT
TP8519 PT
TP8520 PT
TP8521 PT
TP8522 PT
TP8523 PT
TP8416 PT
S-C
COMPOSITE
S-Y
Y
Pb
Pr
TO DVD M I
TO DVD M III
TO DVD M I,M III
TO MAIN C.B.A.P4801
TO POWER SUPPLY C.B.A.P1002
P8401
P8402
P8430
MOTOR_GND
D_+3.3V
A_+3.3V
SW_+5V_DVD
M_VM_+6V
ACT_VM_+5V
MOTOR_GND
D_AUDIO
A_GND
D_GND
RST
D_RDY
HOST_DATA
DVD_DATA
DVD_SCK
H_RDY
VIDEO_GND
AUDIO_DAC
V-MUTE
MCLK
MD
MC
ML
BCK
ADOUT3
LRCK
SCK
ML
MC
MD
ZEROIN/JUNK
ZEROIN/ZEROIN
VCOM
AGND
BCK
DATA
LRCK
DOUT
XGND
VDD
VCC
VOUTL
VOUTR
VCC
FEE

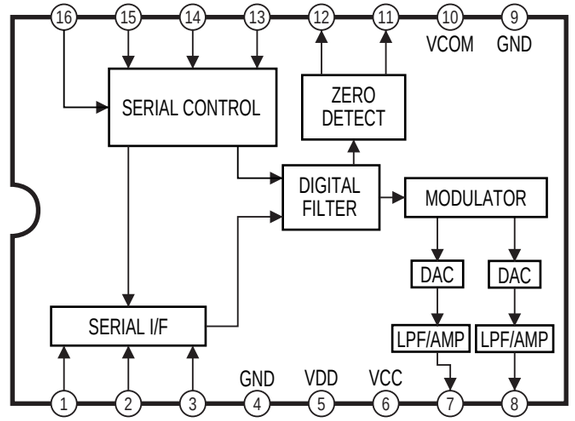
LINK TO VOLTAGE CHART

LSJB2145
DVD MAIN II SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/ PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

IC8401 IC-DETAIL BLOCK DIAGRAM



IC8501 IC-DETAIL BLOCK DIAGRAM



DVD MAIN III SCHEMATIC DIAGRAM

NOTE:
PARTS MARKED "PT" ARE NOT USED.

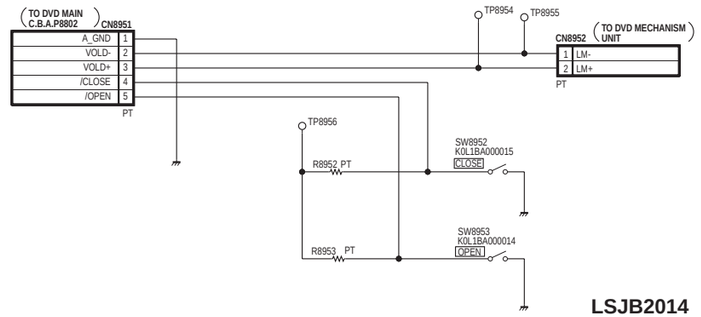
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the parts list. Do not use the part number on this diagram.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

DVD SUB SCHEMATIC DIAGRAM

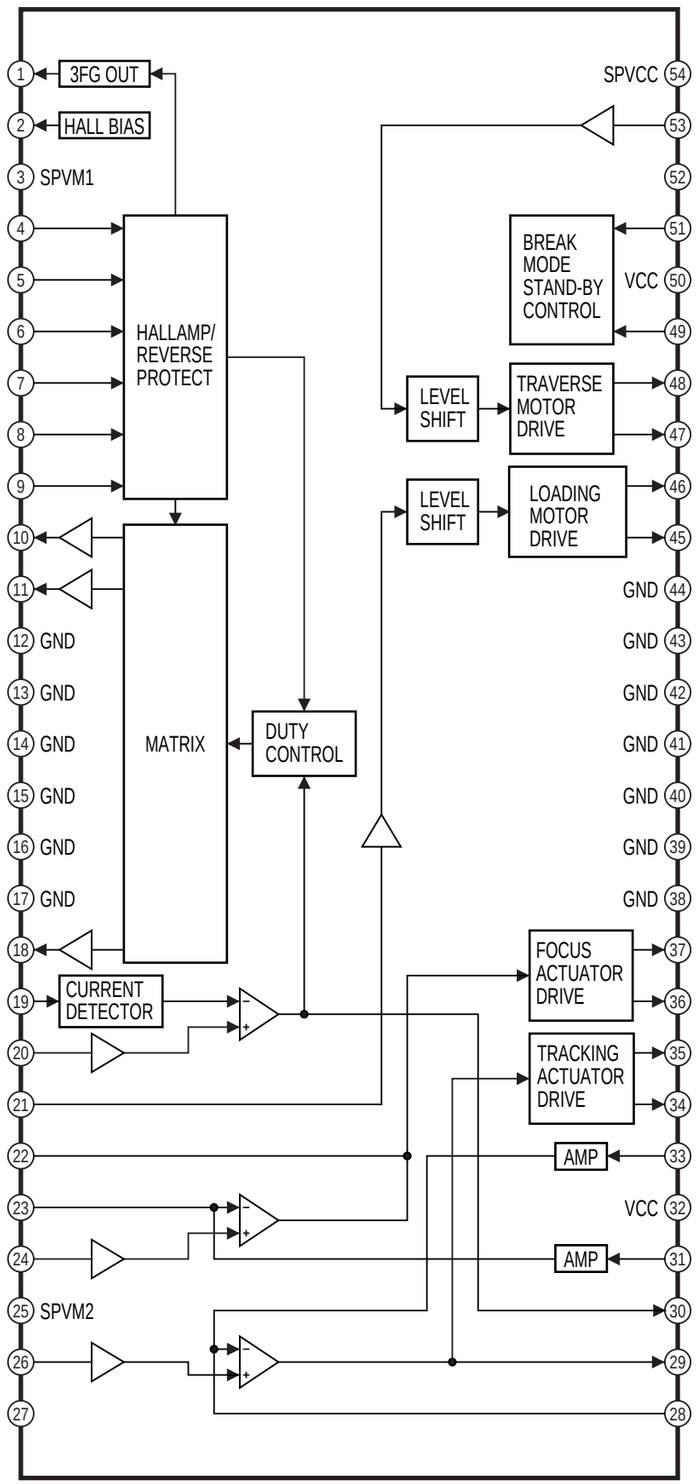


LSJB2014

LINK TO VOLTAGE CHART

LSJB2145
DVD MAIN III / DVD SUB SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/
PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

IC8801 IC-DETAIL BLOCK DIAGRAM



IC8801 DETAIL BLOCK DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/
PV-D4734S-K/PV-D4744S-K/PV-D4754S-K

MAIN I (SYSTEM CONTROL / SERVO) SCHEMATIC DIAGRAM

NOTE:
PARTS MARKED "PT" ARE NOT USED.

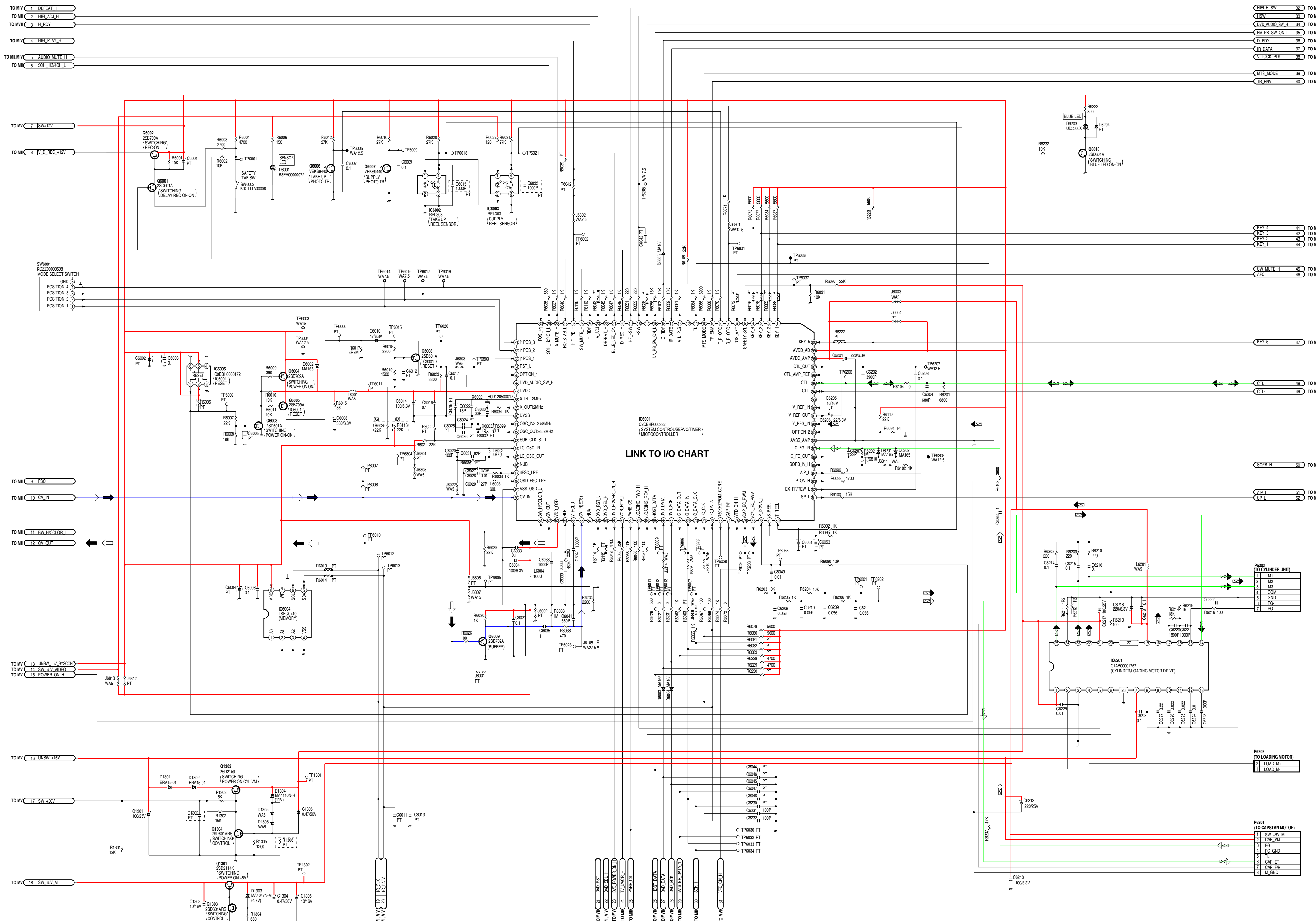
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

REC VIDEO SIGNAL PB VIDEO SIGNAL CAPSTAN SERVO CYLINDER SERVO



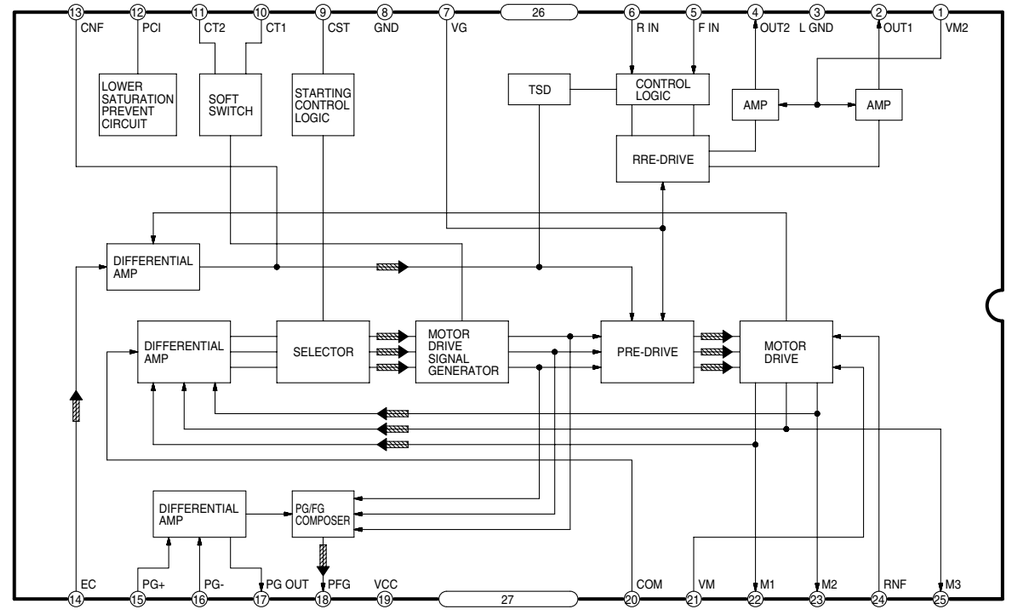
TO MIV 1 DEFEAT_H
TO MII 2 HIFI_ADJ_H
TO MVII 3 H_RDY
TO MIV 4 HIFI_PLAY_H
TO MII,MIV 5 AUDIO_MUTE_H
TO MII 6 3CH_HIZ/4CH_L
TO MV 7 SW+12V
TO MII 8 V_D_REC_+12V
TO MII 9 FSC
TO MII 10 CV_IN
TO MII 11 BW_H/COLOR_L
TO MII 12 CV_OUT
TO MV 13 UNSW_+5V_SYSCON
TO MV 14 SW_+5V_VIDEO
TO MV 15 POWER_ON_H
TO MV 16 UNSW_+16V
TO MV 17 SW_+30V
TO MV 18 SW_+5V_M
TO MII,MIV 19 IIC_CLK
TO MII,MIV 20 IIC_DATA
TO MVII 21 DVD_RST
TO MII,MIV 22 DVD_SEL_H
TO MV 23 DVD_POWER_ON_H
TO MII 24 TV_L/VCR_H
TO MIII 25 PANE_CS
TO MVII 26 HOST_DATA
TO MVII 27 DVD_DATA
TO MVII 28 DVD_SCK
TO MII 29 MASTER_DATA_1
TO MII 30 SCK_1
TO MVI 31 VFD_ON_H
HIFI_H_SW 32 TO MIV
HSW 33 TO MII
DVD_AUDIO_SW_H 34 TO MIV
NA_PB_SW_ON_L 35 TO MII
D_RDY 36 TO MVII
IR_DATA 37 TO MIII
V_LOCK_PLS 38 TO MII
MTS_MODE 39 TO MIV
TR_ENV 40 TO MII
KEY_4 41 TO MIII
KEY_3 42 TO MIII
KEY_2 43 TO MIII
KEY_1 44 TO MIII
SW_MUTE_H 45 TO MIV
AFC 46 TO MII
KEY_5 47 TO MIII
CTL+ 48 TO MII
CTL- 49 TO MII
SQPB_H 50 TO MII
AIP_L 51 TO MII
SP_L 52 TO MII
IC6001 C2CBHF000332 (SYSTEM CONTROL/SERVO/TIMER MICROCONTROLLER)
LINK TO I/O CHART
IC6201 C1AB00001767 (CYLINDER/LOADING MOTOR DRIVE)
IC6004 LSEQ0740 (MEMORY)
IC6005 C0EBH0000172 (IC6001 RESET)
IC6002 RPI-303 (TAKE UP REEL SENSOR)
IC6003 RPI-303 (SUPPLY REEL SENSOR)
SW6001 KOZZ00000598 MODE SELECT SWITCH
P6203 (TO CYLINDER UNIT) 1 M1 2 M2 3 M3 4 COM 5 GND 6 PG- 7 PG+
P6202 (TO LOADING MOTOR) 2 LOAD_M+ 1 LOAD_M-
P6201 (TO CAPSTAN MOTOR) 1 SW_+5V_M 2 CAP_VM 3 FG 4 FG_GND 5 TL 6 CAP_ET 7 CAP_F/R 8 M_GND

LINK TO VOLTAGE CHART

I/O CHART OF IC6001

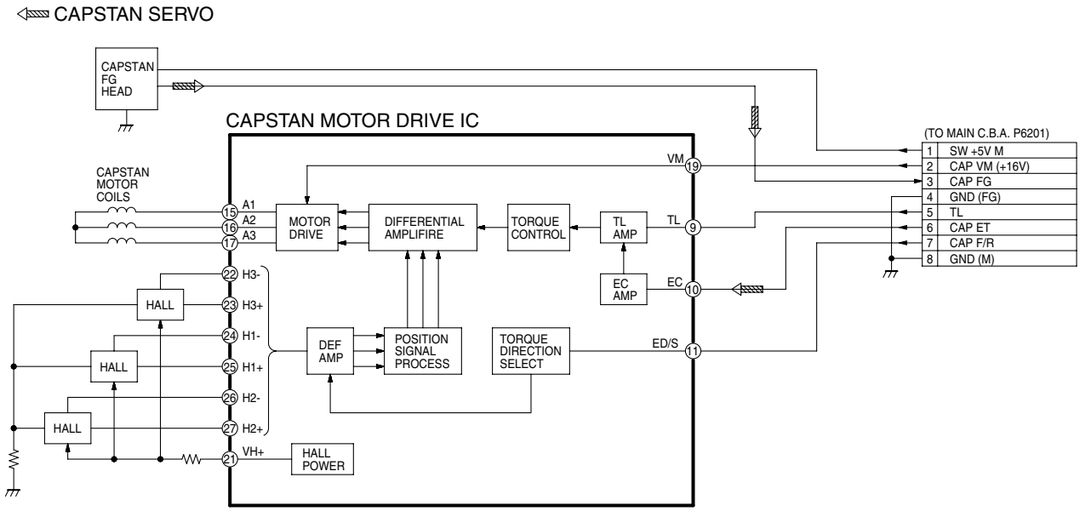
Pin No.	Signal Name	I/O	Explanation
1	KEY 1	I	KEY DATA 1
2	KEY 2	I	KEY DATA 2
3	KEY 3	I	KEY DATA 3
4	KEY 4	I	KEY DATA 4
5	SAFETY SYL	I	REG12V short detection signal.
6	DTS AFC	I	Input terminal for "S-Curve" of Tuner AFC at channel selecting.
7	S PHOTO	I	Input terminal of the Tape End sensor detection. *More than 2.6V: Black tape part. *Less than 2.4V: Trans. Tape part.
8	T PHOTO	I	Input terminal of the Tape Beginning sensor detection. *More than 2.6V: Black tape part. *Less than 2.4V: Trans. Tape part.
9	TR ENV	I	Input terminal of the Video envelope signal.
10	MTS MODE	I	*STEREO + SAP: More than 2.6V *STEREO: 1.6V - 2.5V *MONO + SAP: 0.6V - 1.5V *MONO: 0 - 0.5V
11	TL	O	Control terminal for the Capstan current limit.
12	NC	O	Low fix.
13	V L PLS	O	Output terminal for the Artificial V-sync.
14	IR DATA	I	Input terminal for the Remote Controller.
15	D RDY	I	DVD Unit Ready signal for serial communication with DVD.
16	NA PB SW ON L	O	Recording control signal for the Linear Audio.
17	DVD AUDIO SW H	O	Output terminal for DVD audio control.
18	HSW	O	Video head switching signal *L'/R = "High" *R'/L = "Low"
19	HF HSW	O	Head switching signal for Audio circuit.
20	D REC H	O	Video Delay Rec H
21	BLUE LED ON	O	Front Blue LED ON: H
22	DEFEAT H	O	Input/Output terminal for muting at channel selecting.
23	HIFI ADJ L	O	During Hifi Vco adjustment: "Low"
24	H RDY	O	Host Ready signal for serial communication with DVD.
25	SW MUTE H	O	Output switching MUTE signal.
26	HIFI PB H	I	HiFi playback: "High" Normal playback: "Low"
27	NO S TAB L	I	SAFETY TAB DETECTION
28	A MUTE H	O	Audio muting signal: High = ON
29	3CH Hiz/4CH L	O	CH3: Hiz CH4: L
30	POS 4	I	MODE SW POSITION 4
31	POS 3	I	MODE SW POSITION 3
32	POS 2	I	MODE SW POSITION 2
33	POS 1	I	MODE SW POSITION 1
34	RST L	I	RESET Terminal.
35	OPTION 1	I	Option terminal 1
36	DVD AUDIO SW H	O	(Not used)
37	DVDD	-	VCC (5V) for Digital port.
38	X IN	I	Main clock (12MHz) osc. input terminal.
39	X OUT	O	Main clock (12MHz) osc. output terminal.
40	DVSS	-	Digital GND for OSC circuit.
41	OSC IN3	I	(Not used)
42	OSC OUT3	O	(Not used)
43	SUB CLK ST L	I	5V fix.
44	LC OSC IN	I	Input terminal of the LC Oscillation (For OSD dot clock)
45	LC OSC OUT	O	Output terminal of the LC Oscillation (For OSD dot clock)
46	NUB	-	Connected to the GND (Test terminal "B" in the factory).
47	4FSC LPF	I	OSC Filter connection terminal for Internal sync generator.
48	OSD FSC IN	I	Sub carrier (fsc) input terminal for sync generator.
49	VSS OSD	-	GND terminal for OSD circuit.
50	CV IN	I	Input terminal for composite video signal.
51	BW H/COLOR L	I	BW: "High" Color: "Low"
52	CV OUT	O	Output terminal for composite video signal.
53	VDD OSD	-	Power supply terminal for OSD.
54	HLF	I	LPF connection terminal for slicer.
55	V HOLD	I	Capacitor connection terminal of the Reference voltage generator circuit for the slicer.
56	CV IN	I	Composite video signal input terminal for the slicer.
57	NUA	-	Connected to the GND (Test terminal "A" in the factory).
58	DVD RST L	I/O	DVD reset signal
59	DVD SEL H	O	Output terminal for DVD/VCR select signal.
60	DVD POWER ON H	O	DVD Power ON: H
61	VCR H/TV L	O	TV: L VCR: H
62	PANE CS	O	LED serial chip selector
63	LOADING FWD H	O	Loading motor control terminal.
64	LOADING REV H	O	Loading motor control terminal.
65	HOST DATA	O	Serial data output for DVD.
66	DVD DATA	I	Serial data input for DVD.
67	DVD SCK	I	Serial clock input for DVD.
68	IC DATA OUT	O	Serial data output for VFD.
69	IC DATA IN	I	Low fix.
70	IC DATA CLK	O	Serial clock output for VFD.
71	IIC CLK	O	Serial communication terminal (IIC) for IC3001/FM audio IC/EEPROM/TUNER.
72	IIC DAT	I/O	Serial communication terminal (IIC) for IC3001/FM audio IC/EEPROM/TUNER.
73	750kHZ/ROM CORE	O	During Test Mode 1: 750KHz output
74	CAP F/R	O	The rotation direction control terminal of the capstan driver. *RVS = "High" *FWD = "Low"
75	VFD ON H	O	*VFD ON: "High" *VFD OFF: "Low"
76	CAP EC PWM	O	Power supply terminal for the capstan motor control.
77	CYL EC PWM	O	Power supply terminal for the cylinder motor control.
78	P DOWN L	I	Input terminal for the power failar detection.
79	S REEL	I	Input terminal of the S.Reel pulse.
80	T REEL	I	Input terminal of the T.Reel pulse.
81	SP L	O	REC/PLAY MODE: SP = "Low"
82	EX FF/REW L	O	Control signal filter select terminal in FF/REW mode. *During FF/REW: Hi-Z *Except FF/REW: Low
83	P ON H	O	ON/OFF control terminal for the VCR power. Power ON: "High"
84	AIP L	I/O	Simplified AI playback ON/OFF control. AI playback ON: "Low"
85	SQPB IN H	I	SQPB input terminal.
86	C FG OUT	O	Output terminal for the Capstan FG AMP signal.
87	C FG IN	I	Input terminal for the Capstan FG AMP signal.
88	AVSS AMP	-	GND for Analogue circuit.
89	OPTION 2	I	Option terminal 2
90	Y PFG IN	I	Input terminal for the Cylinder PG/FG.
91	V REF OUT	O	1/2 VDD reference voltage output terminal for the Analogue AMP.
92	V REF IN	I	1/2 VDD reference voltage input terminal for the Analogue AMP.
93	NC	-	(Not used)
94	CTL-	I/O	I/O terminal for the Control head (-).
95	CTL+	I/O	I/O terminal for the Control head (+).
96	CTL AMP REF	I	Capacitor connection terminal for reference of the control AMP.
97	CTL OUT	O	Output terminal for the Control AMP.
98	AVDD AMP	-	Power supply terminal for Analogue AMP.
99	AVDD AD	-	Reference power supply terminal for the AD/8bit DA.
100	KEY 5	I	Key input

IC6201
CYLINDER/LOADING MOTOR DRIVE IC-DETAIL BLOCK DIAGRAM



CAPSTAN MOTOR ASS'Y BLOCK DIAGRAM

NOTE:CAPSTAN MOTOR ASS'Y IS SUPPLIED AS A UNIT ONLY.



MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM

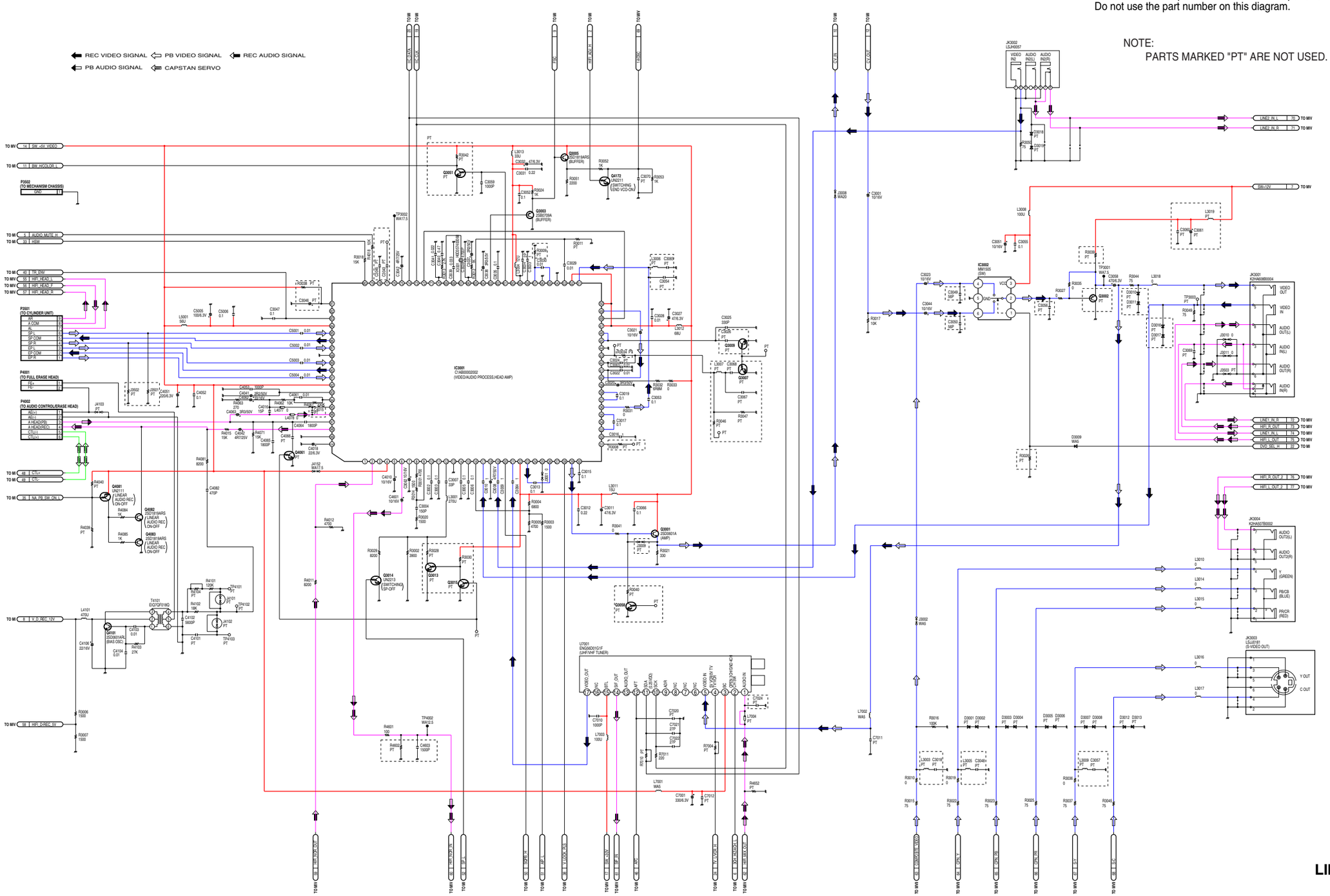
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

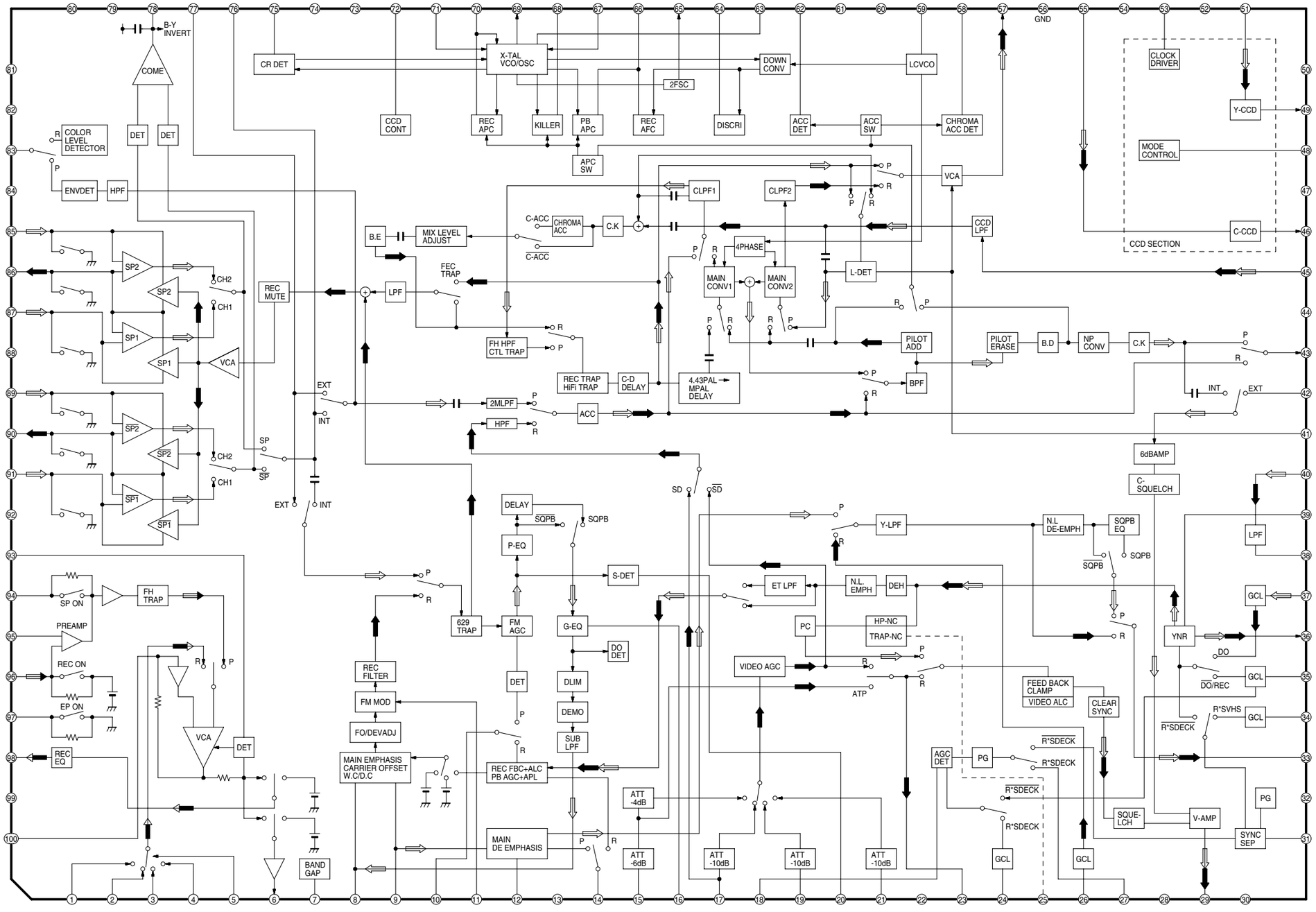


LINK TO VOLTAGE CHART

LSJB2154
MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

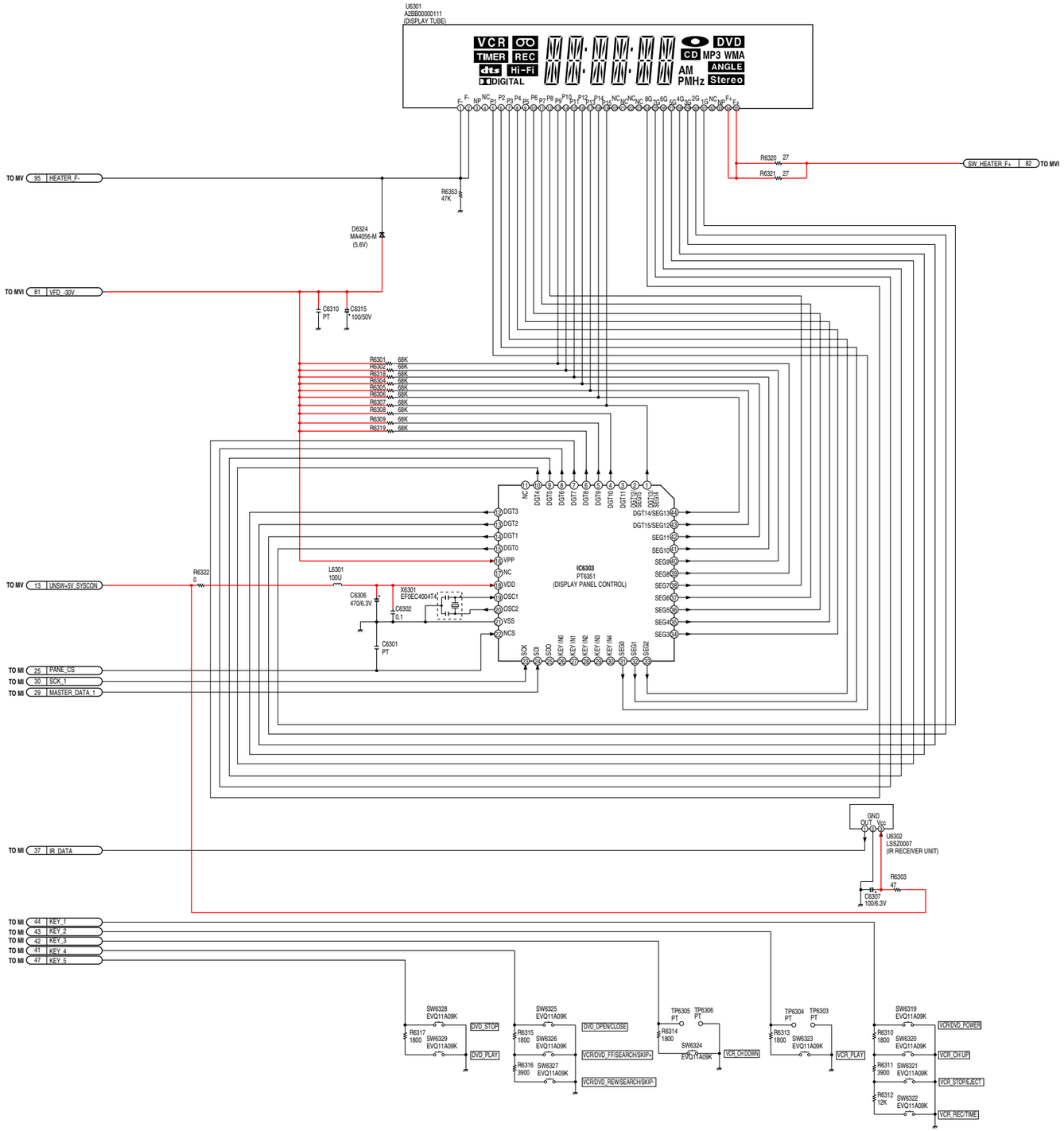
IC3001 VIDEO/AUDIO SIGNAL PROCESS/HEAD AMP IC-DETAIL BLOCK DIAGRAM

REC VIDEO SIGNAL　PB VIDEO SIGNAL　REC AUDIO SIGNAL　PB AUDIO SIGNAL



IC3001 DETAIL BLOCK DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN III (OPERATION) SCHEMATIC DIAGRAM



NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

I/O CHART OF IC6303

Pin No.	I/O	Signal Name	Description
1	O	DGT13/SEG14	Digit 13/Segment 14
2	-	DGT12/SEG15	(Not used)
3	-	DGT11	(Not used)
4	O	DGT10	Digit 10
5	O	DGT9	Digit 9
6	O	DGT8	Digit 8
7	O	DGT7	Digit 7
8	O	DGT6	Digit 6
9	O	DGT5	Digit 5
10	O	DGT4	Digit 4
11	-	NC	(Not used)
12	O	DGT3	Digit 3
13	O	DGT2	Digit 2
14	O	DGT1	Digit 1
15	O	DGT0	Digit 0
16	I	VPP	-30V
17	-	NC	(Not used)
18	I	VDD	+5V
19	I	OSC1	X In
20	O	OSC2	X Out
21	-	VSS	Ground
22	I	NCS	IC6303 cs(L)
23	I	SCK	Serial clock 1
24	I	SDI	Serial data 1
25	-	SDO	(Not used)
26	-	KEY IN0	(Not used)
27	-	KEY IN1	(Not used)
28	-	KEY IN2	(Not used)
29	-	KEY IN3	(Not used)
30	-	KEY IN4	(Not used)
31	O	SEG0	Segment 0
32	O	SEG1	Segment 1
33	O	SEG2	Segment 2
34	O	SEG3	Segment 3
35	O	SEG4	Segment 4
36	O	SEG5	Segment 5
37	O	SEG6	Segment 6
38	O	SEG7	Segment 7
39	O	SEG8	Segment 8
40	O	SEG9	Segment 9
41	O	SEG10	Segment 10
42	O	SEG11	Segment 11
43	O	DGT15/SEG12	Digit 15/Segment 12
44	O	DGT14/SEG13	Digit 14/Segment 13

LINK TO VOLTAGE CHART

LSJB2154
MAIN III (OPERATION) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM

REC AUDIO SIGNAL ⇐ PB AUDIO SIGNAL

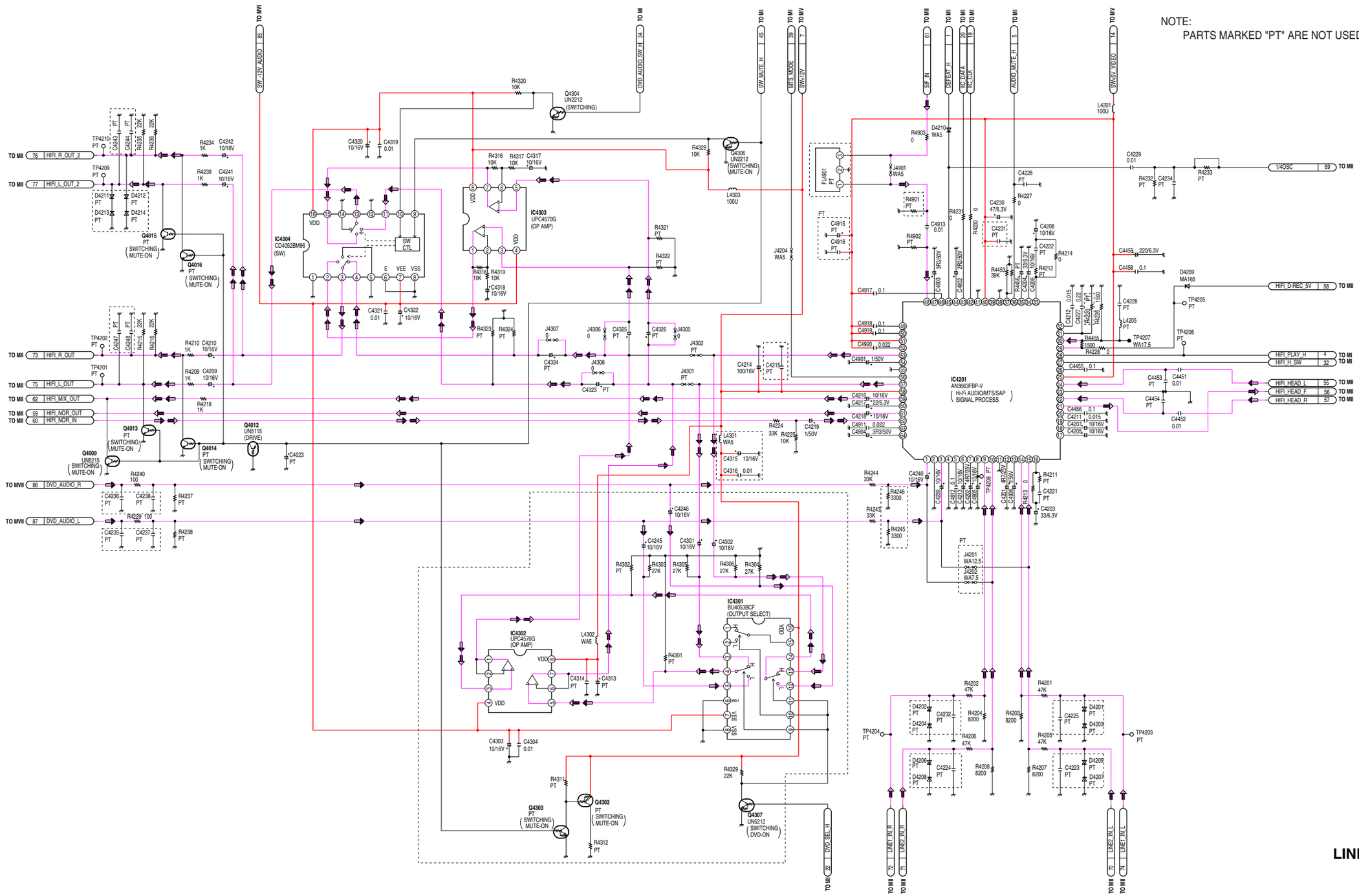
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

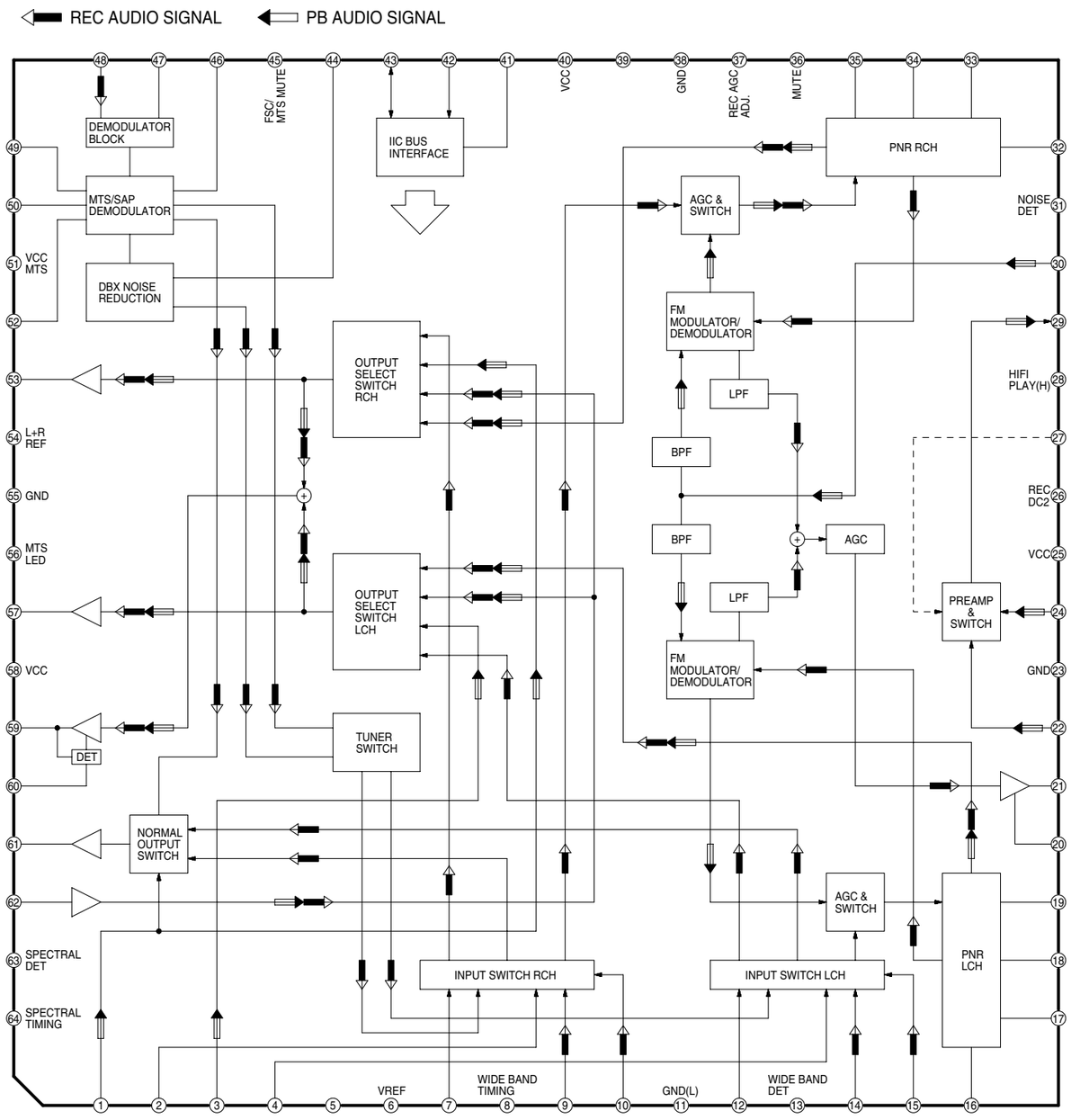
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2154
MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

IC4201 Hi-Fi AUDIO/MTS SAP SIGNAL PROCESS IC-DETAIL BLOCK DIAGRAM



MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE 3.0A 125V/250V FUSE.
ATTENTION: POUR UNE PROTECTION CONTINUE LES RISQUES
D' INCENDIE N' UTILISERQUE DES FUSIBLE DE MÉME
TYPE 3.0A 125V/250V

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

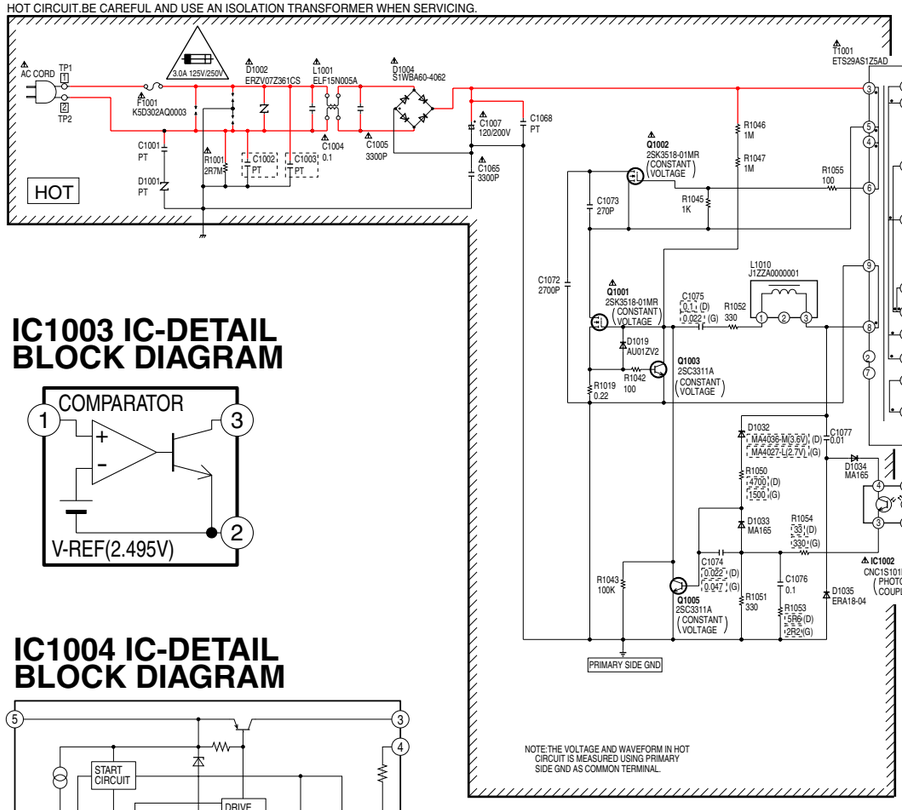
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

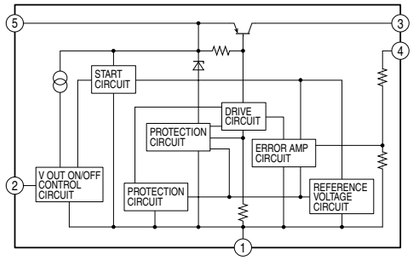
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

HOT CIRCUIT.BE CAREFUL AND USE AN ISOLATION TRANSFORMER WHEN SERVICING.



IC1003 IC-DETAIL BLOCK DIAGRAM

IC1004 IC-DETAIL BLOCK DIAGRAM



LINK TO VOLTAGE CHART

LSJB2154
MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN VI (FIP POWER) SCHEMATIC DIAGRAM

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

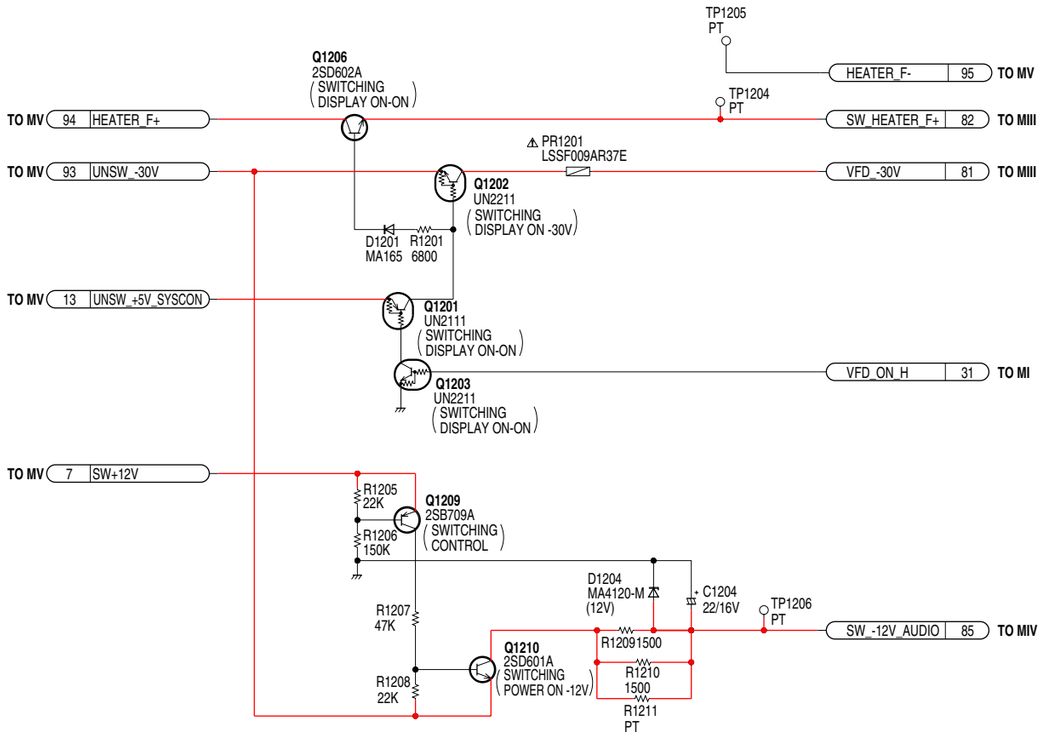
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM

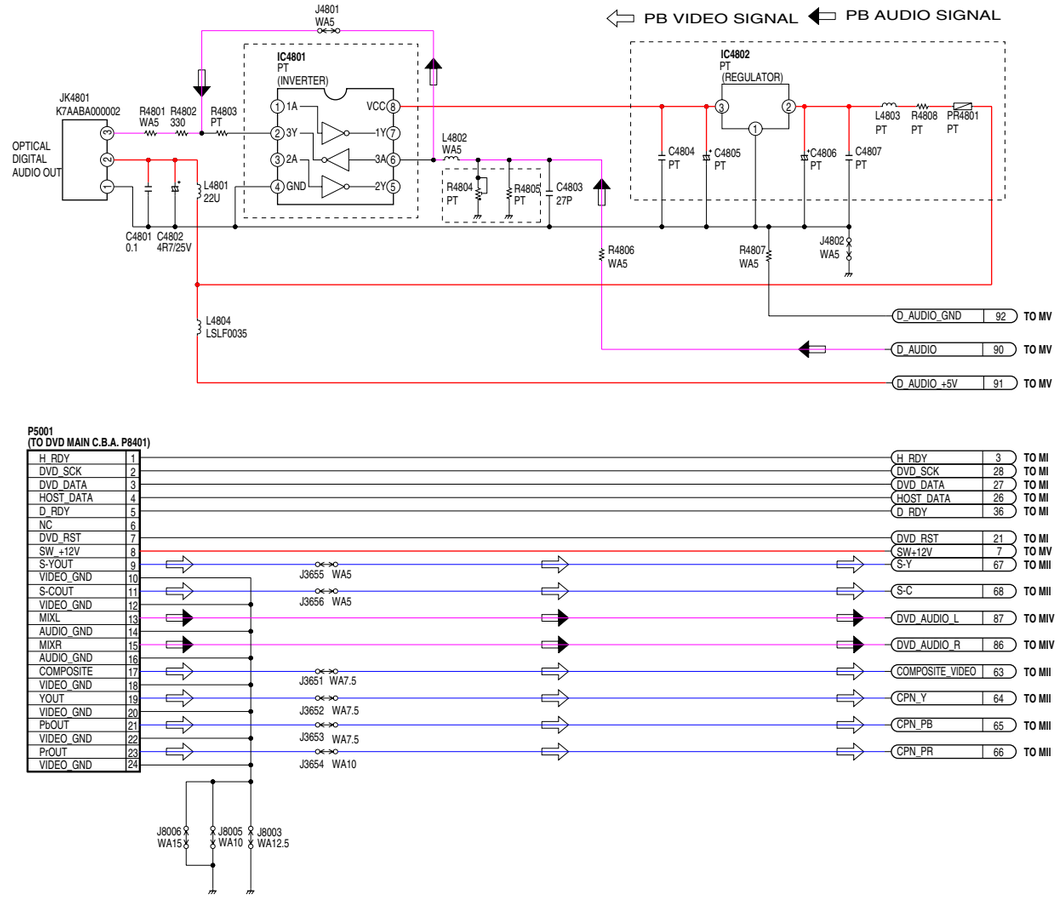
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2154
MAIN VI (FIP POWER) SCHEMATIC DIAGRAM
MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN I (SYSTEM CONTROL / SERVO) SCHEMATIC DIAGRAM

NOTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

REC VIDEO SIGNAL ⇦ PB VIDEO SIGNAL ⇦ CAPSTAN SERVO ⇦ CYLINDER SERVO

LINK TO I/O CHART

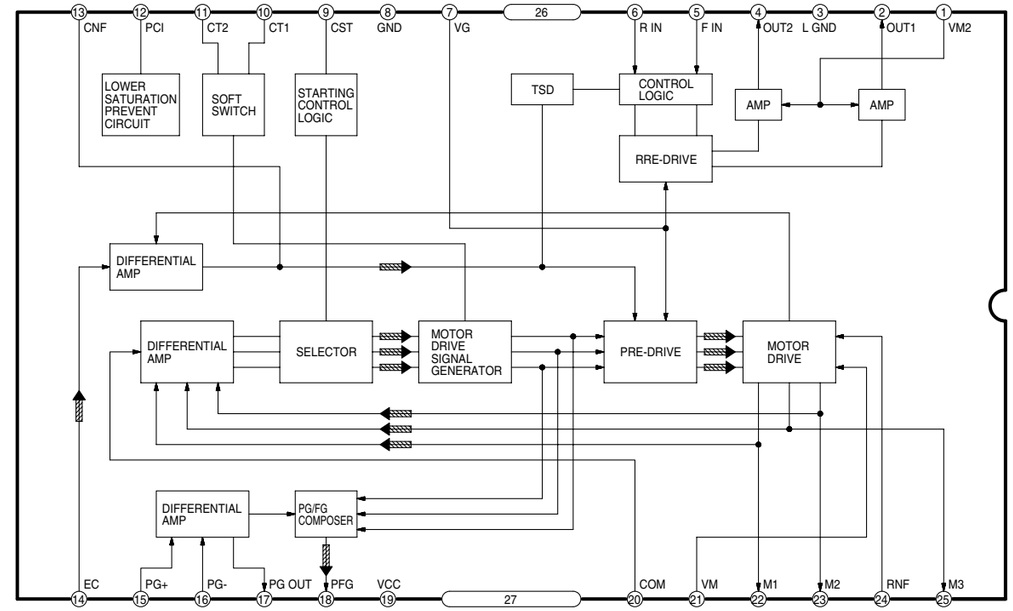
LINK TO VOLTAGE CHART

LSJB2144
MAIN I (SYSTEM CONTROL / SERVO) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

I/O CHART OF IC6001

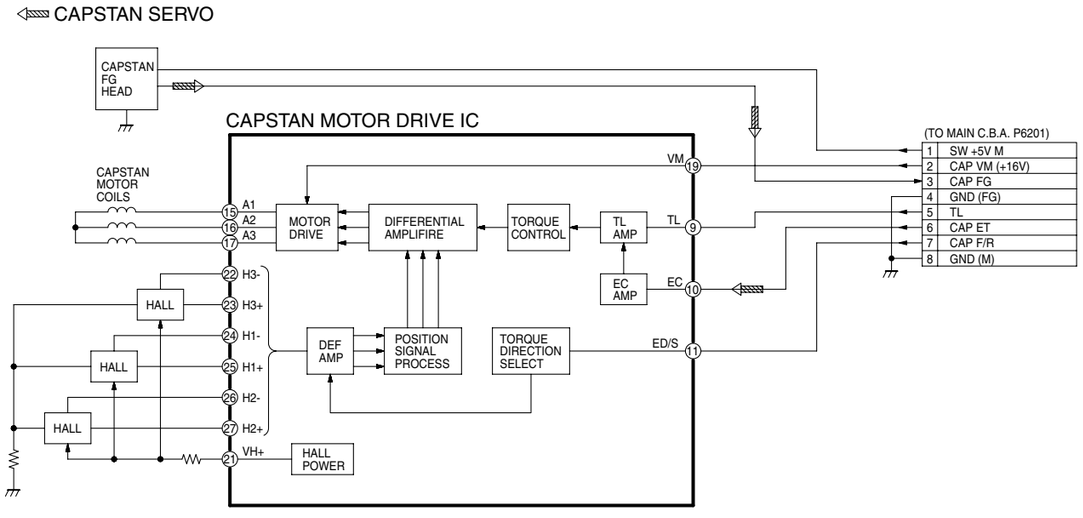
Pin No.	Signal Name	I/O	Explanation
1	KEY 1	I	KEY DATA 1
2	KEY 2	I	KEY DATA 2
3	KEY 3	I	KEY DATA 3
4	KEY 4	I	KEY DATA 4
5	SAFETY SYL	I	REG12V short detection signal.
6	DTS AFC	I	Input terminal for "S-Curve" of Tuner AFC at channel selecting.
7	S PHOTO	I	Input terminal of the Tape End sensor detection. *More than 2.6V: Black tape part. *Less than 2.4V: Trans. Tape part.
8	T PHOTO	I	Input terminal of the Tape Beginning sensor detection. *More than 2.6V: Black tape part. *Less than 2.4V: Trans. Tape part.
9	TR ENV	I	Input terminal of the Video envelope signal.
10	MTS MODE	I	*STEREO + SAP: More than 2.6V *STEREO: 1.6V - 2.5V *MONO + SAP: 0.6V - 1.5V *MONO: 0 - 0.5V
11	TL	O	Control terminal for the Capstan current limit.
12	NC	O	Low fix.
13	V L PLS	O	Output terminal for the Artificial V-sync.
14	IR DATA	I	Input terminal for the Remote Controller.
15	D RDY	I	DVD Unit Ready signal for serial communication with DVD.
16	NA PB SW ON L	O	Recording control signal for the Linear Audio.
17	DVD AUDIO SW H	O	Output terminal for DVD audio control.
18	HSW	O	Video head switching signal *L'/R = "High" *R'/L = "Low"
19	HF HSW	O	Head switching signal for Audio circuit.
20	D REC H	O	Video Delay Rec H
21	RCORE W L	O	(Not used)
22	DEFEAT H	O	Input/Output terminal for muting at channel selecting.
23	HIFI ADJ L	O	During Hifi Vco adjustment: "Low"
24	H RDY	O	Host Ready signal for serial communication with DVD.
25	SW MUTE H	O	Output switching MUTE signal.
26	HIFI PB H	I	HiFi playback: "High" Normal playback: "Low"
27	NO S TAB L	I	SAFETY TAB DETECTION
28	A MUTE H	O	Audio muting signal: High = ON
29	3CH Hiz/4CH L	O	CH3: Hiz CH4: L
30	POS 4	I	MODE SW POSITION 4
31	POS 3	I	MODE SW POSITION 3
32	POS 2	I	MODE SW POSITION 2
33	POS 1	I	MODE SW POSITION 1
34	RST L	I	RESET Terminal.
35	OPTION 1	I	Option terminal 1
36	DVD AUDIO SW H	O	(Not used)
37	DVDD	-	VCC (5V) for Digital port.
38	X IN	I	Main clock (12MHz) osc. input terminal.
39	X OUT	O	Main clock (12MHz) osc. output terminal.
40	DVSS	-	Digital GND for OSC circuit.
41	OSC IN3	I	(Not used)
42	OSC OUT3	O	(Not used)
43	SUB CLK ST L	I	5V fix.
44	LC OSC IN	I	Input terminal of the LC Oscillation (For OSD dot clock)
45	LC OSC OUT	O	Output terminal of the LC Oscillation (For OSD dot clock)
46	NUB	-	Connected to the GND (Test terminal "B" in the factory).
47	4FSC LPF	I	OSC Filter connection terminal for Internal sync generator.
48	OSD FSC IN	I	Sub carrier (fsc) input terminal for sync generator.
49	VSS OSD	-	GND terminal for OSD circuit.
50	CV IN	I	Input terminal for composite video signal.
51	BW H/COLOR L	I	BW: "High" Color: "Low"
52	CV OUT	O	Output terminal for composite video signal.
53	VDD OSD	-	Power supply terminal for OSD.
54	HLF	I	LPF connection terminal for slicer.
55	V HOLD	I	Capacitor connection terminal of the Reference voltage generator circuit for the slicer.
56	CV IN	I	Composite video signal input terminal for the slicer.
57	NUA	-	Connected to the GND (Test terminal "A" in the factory).
58	DVD RST L	I/O	DVD reset signal
59	DVD SEL H	O	Output terminal for DVD/VCR select signal.
60	DVD POWER ON H	O	DVD Power ON: H
61	VCR H/TV L	O	TV: L VCR: H
62	PANE CS	O	LED serial chip selector
63	LOADING FWD H	O	Loading motor control terminal.
64	LOADING REV H	O	Loading motor control terminal.
65	HOST DATA	O	Serial data output for DVD.
66	DVD DATA	I	Serial data input for DVD.
67	DVD SCK	I	Serial clock input for DVD.
68	IC DATA OUT	O	Serial data output for LED.
69	IC DATA IN	I	Low fix.
70	IC DATA CLK	O	Serial clock output for LED.
71	IIC CLK	O	Serial communication terminal (IIC) for IC3001/FM audio IC/EEPROM/TUNER.
72	IIC DAT	I/O	Serial communication terminal (IIC) for IC3001/FM audio IC/EEPROM/TUNER.
73	750kHZ/ROM CORE	O	During Test Mode 1: 750KHz output
74	CAP F/R	O	The rotation direction control terminal of the capstan driver. *RVS = "High" *FWD = "Low"
75	LED ON H	O	*VFD ON: "High" *VFD OFF: "Low"
76	CAP EC PWM	O	Power supply terminal for the capstan motor control.
77	CYL EC PWM	O	Power supply terminal for the cylinder motor control.
78	P DOWN L	I	Input terminal for the power failar detection.
79	S REEL	I	Input terminal of the S.Reel pulse.
80	T REEL	I	Input terminal of the T.Reel pulse.
81	SP L	O	REC/PLAY MODE: SP = "Low"
82	EX FF/REW L	O	Control signal filter select terminal in FF/REW mode. *During FF/REW: Hi-Z *Except FF/REW: Low
83	P ON H	O	ON/OFF control terminal for the VCR power. Power ON: "High"
84	AIP L	I/O	Simplified AI playback ON/OFF control. AI playback ON: "Low"
85	SQPB IN H	I	SQPB input terminal.
86	C FG OUT	O	Output terminal for the Capstan FG AMP signal.
87	C FG IN	I	Input terminal for the Capstan FG AMP signal.
88	AVSS AMP	-	GND for Analogue circuit.
89	OPTION 2	I	Option terminal 2
90	Y PFG IN	I	Input terminal for the Cylinder PG/FG.
91	V REF OUT	O	1/2 VDD reference voltage output terminal for the Analogue AMP.
92	V REF IN	I	1/2 VDD reference voltage input terminal for the Analogue AMP.
93	NC	-	(Not used)
94	CTL-	I/O	I/O terminal for the Control head (-).
95	CTL+	I/O	I/O terminal for the Control head (+).
96	CTL AMP REF	I	Capacitor connection terminal for reference of the control AMP.
97	CTL OUT	O	Output terminal for the Control AMP.
98	AVDD AMP	-	Power supply terminal for Analogue AMP.
99	AVDD AD	-	Reference power supply terminal for the AD/8bit DA.
100	KEY 5	I	Key input

IC6201
CYLINDER/LOADING MOTOR DRIVE IC-DETAIL BLOCK DIAGRAM



CAPSTAN MOTOR ASS'Y BLOCK DIAGRAM

NOTE:CAPSTAN MOTOR ASS'Y IS SUPPLIED AS A UNIT ONLY.



MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM

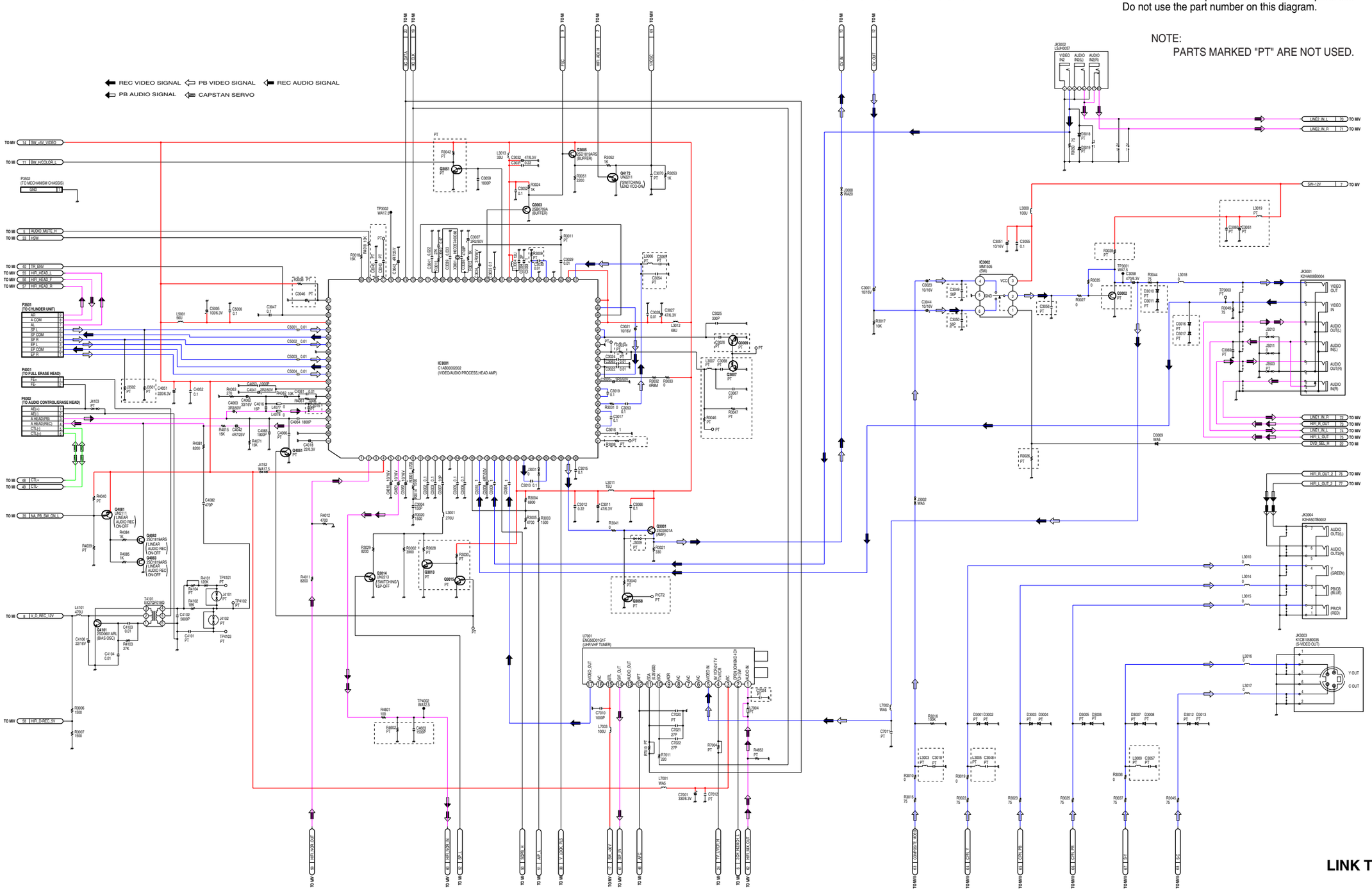
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
For placing a purchase order of the parts, be sure to use the part number listed in the parts list. Do not use the part number on this diagram.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

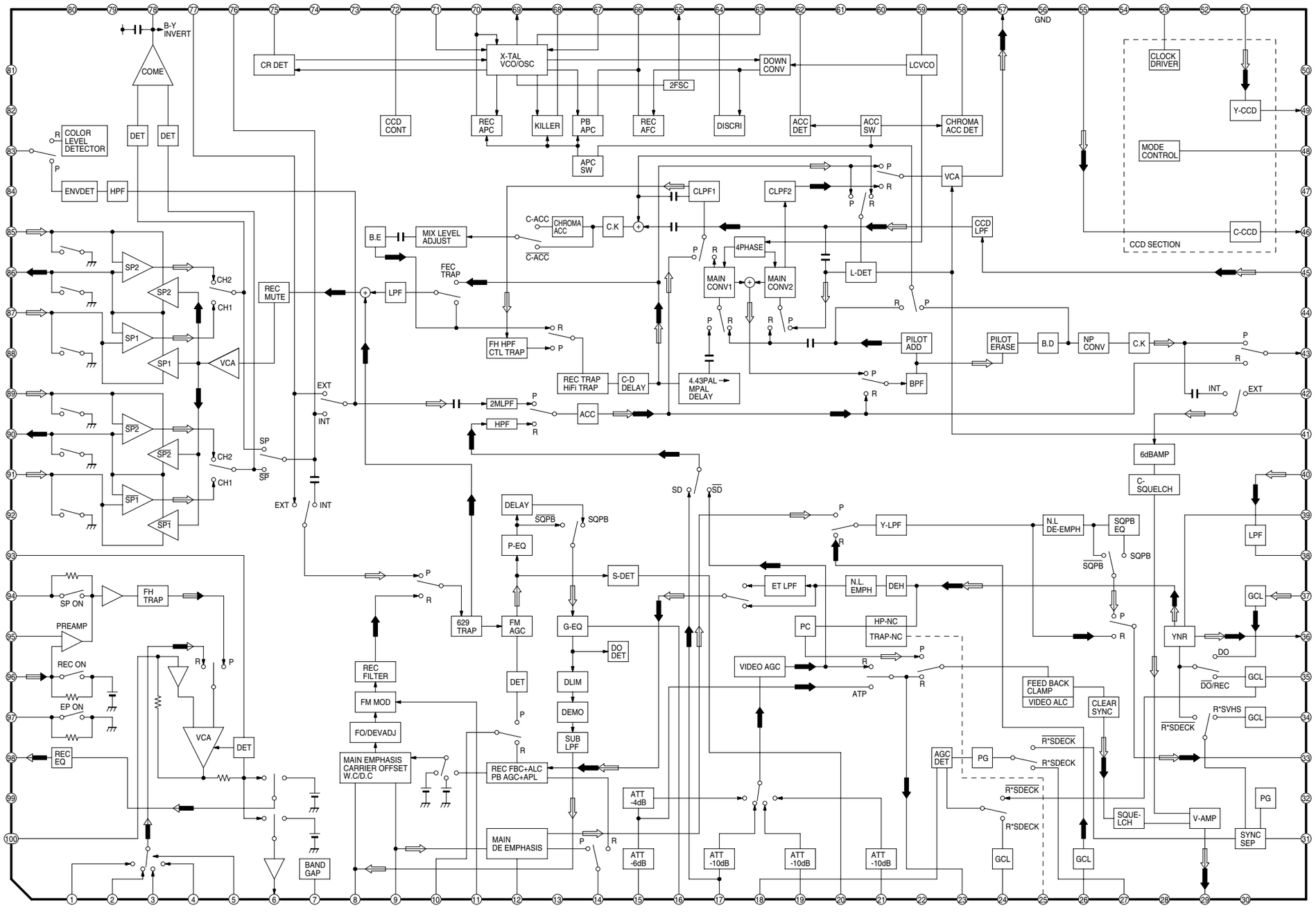


LINK TO VOLTAGE CHART

LSJB2144
MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

IC3001 VIDEO/AUDIO SIGNAL PROCESS/HEAD AMP IC-DETAIL BLOCK DIAGRAM

REC VIDEO SIGNAL　PB VIDEO SIGNAL　REC AUDIO SIGNAL　PB AUDIO SIGNAL



IC3001 DETAIL BLOCK DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN III (OPERATION) SCHEMATIC DIAGRAM

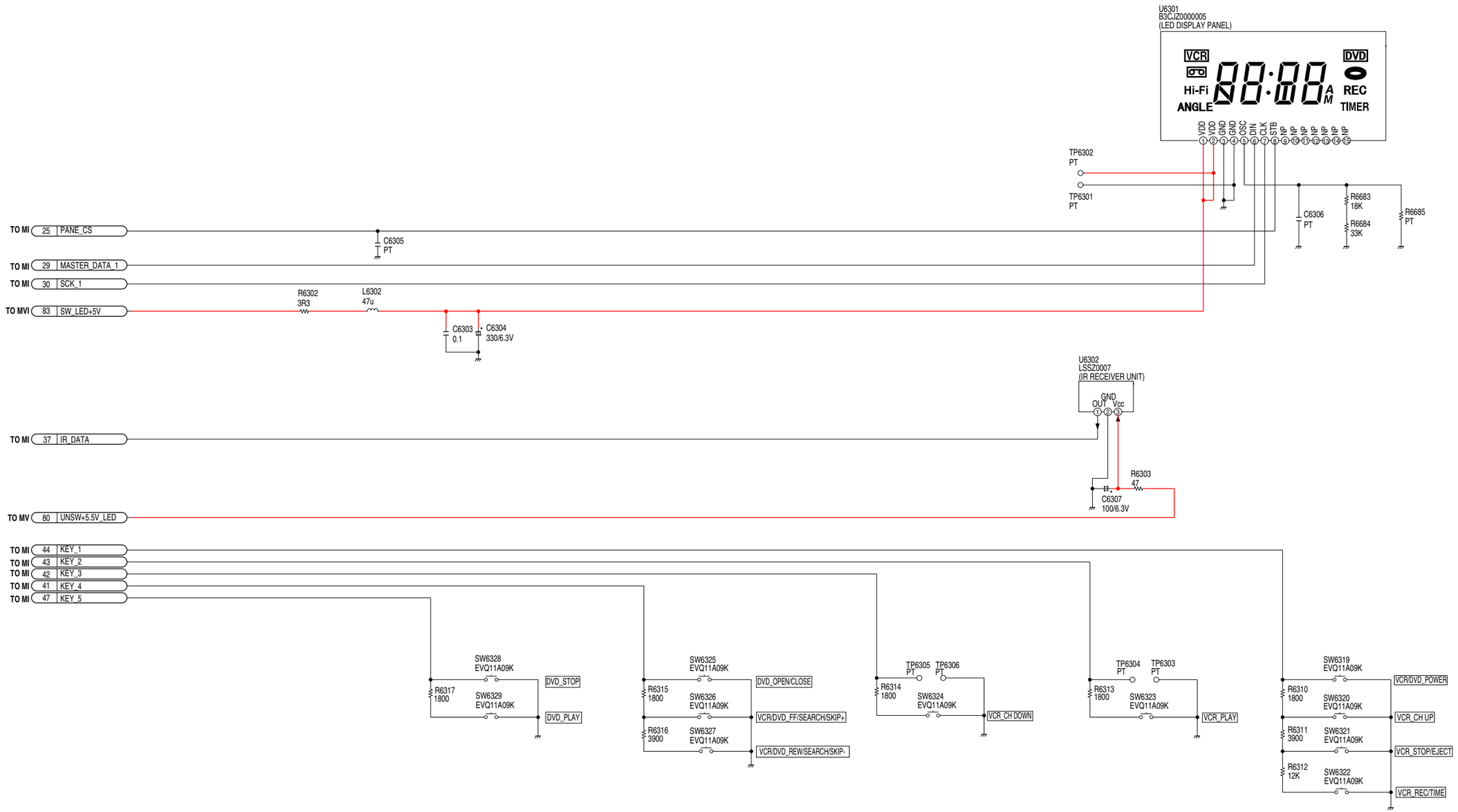
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LSJB2144
MAIN III (OPERATION) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM

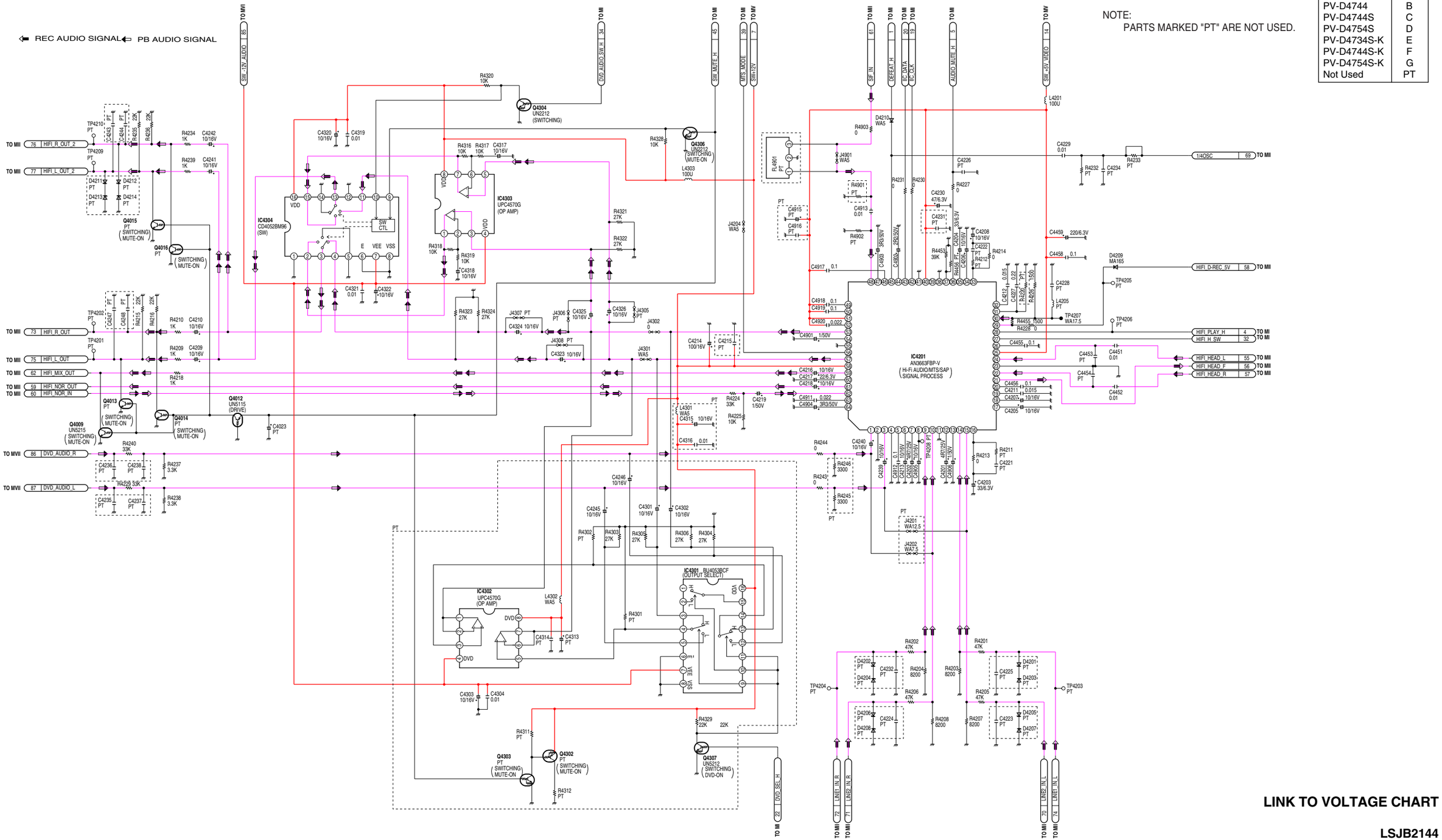
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

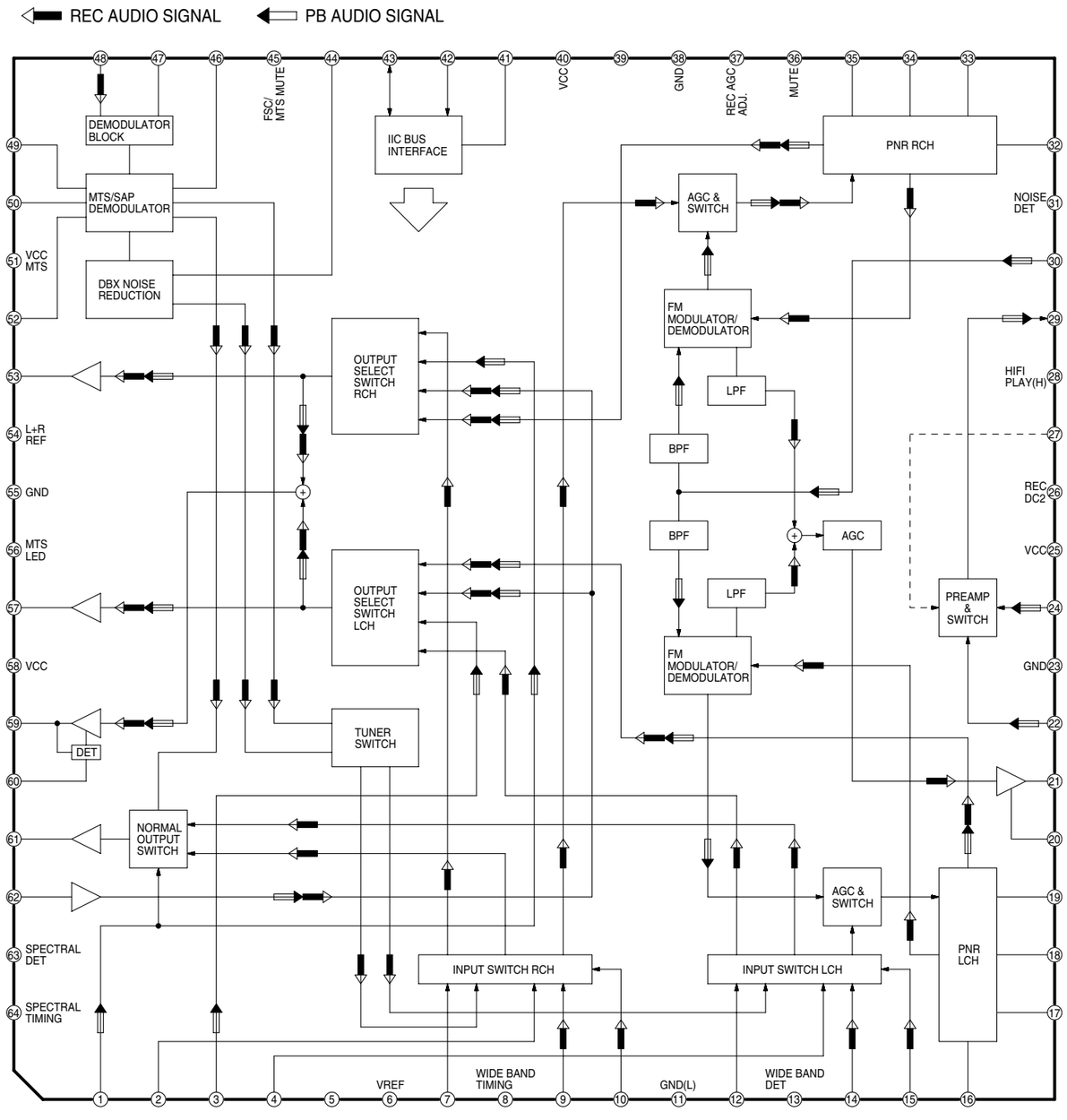
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2144
MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

IC4201 Hi-Fi AUDIO/MTS SAP SIGNAL PROCESS IC-DETAIL BLOCK DIAGRAM



MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE 3.0A 125V/250V FUSE.
ATTENTION:POUR UNE PROTECTION CONTINUE LES RISQUES
D' INCENDIE N' UTILISERQUE DES FUSIBLE DE MÉME
TYPE 3.0A 125V/250V

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

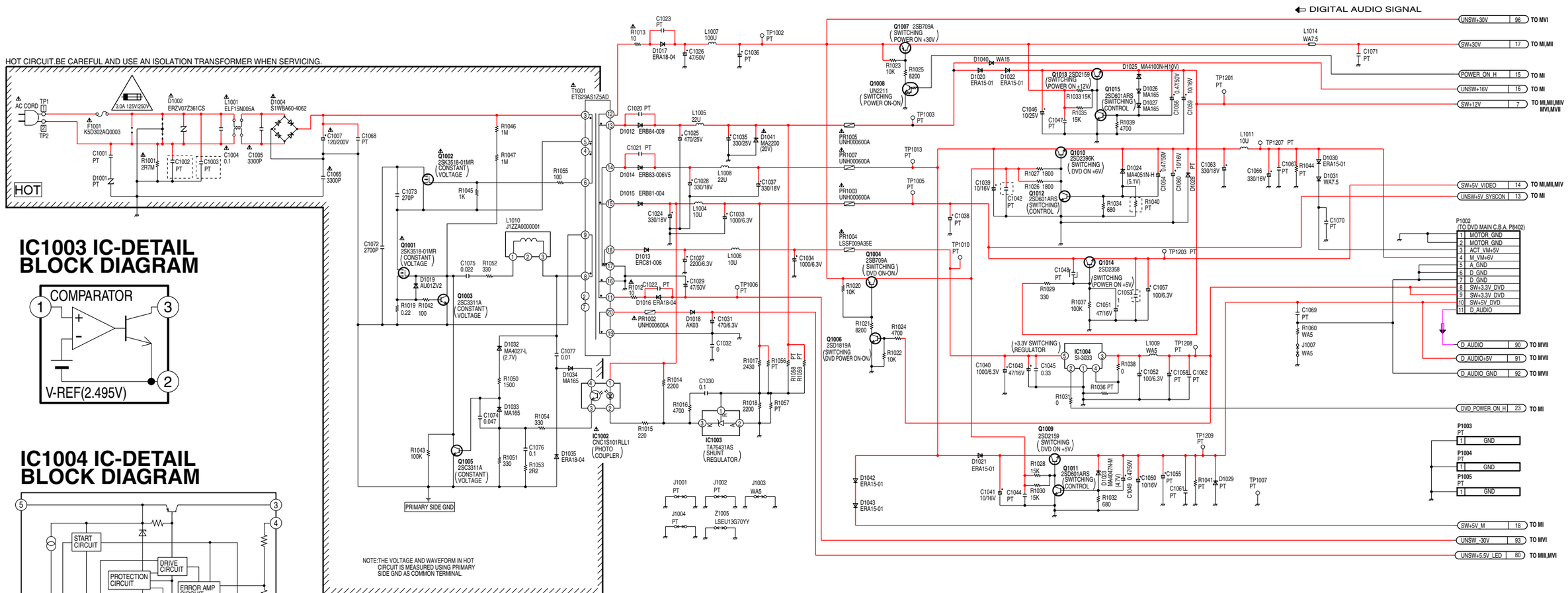
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

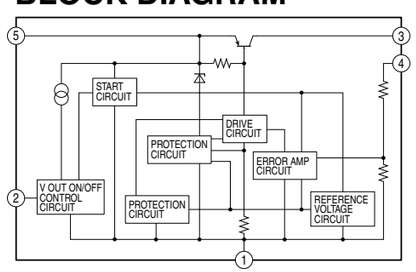
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

HOT CIRCUIT.BE CAREFUL AND USE AN ISOLATION TRANSFORMER WHEN SERVICING.



IC1003 IC-DETAIL BLOCK DIAGRAM

IC1004 IC-DETAIL BLOCK DIAGRAM



LINK TO VOLTAGE CHART

LSJB2144
MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN VI (FIP POWER) SCHEMATIC DIAGRAM

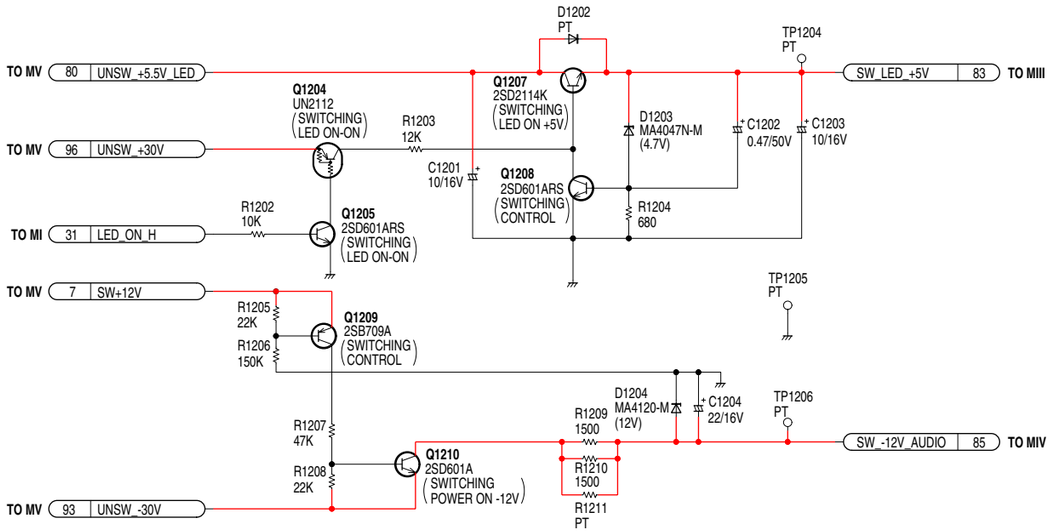
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM

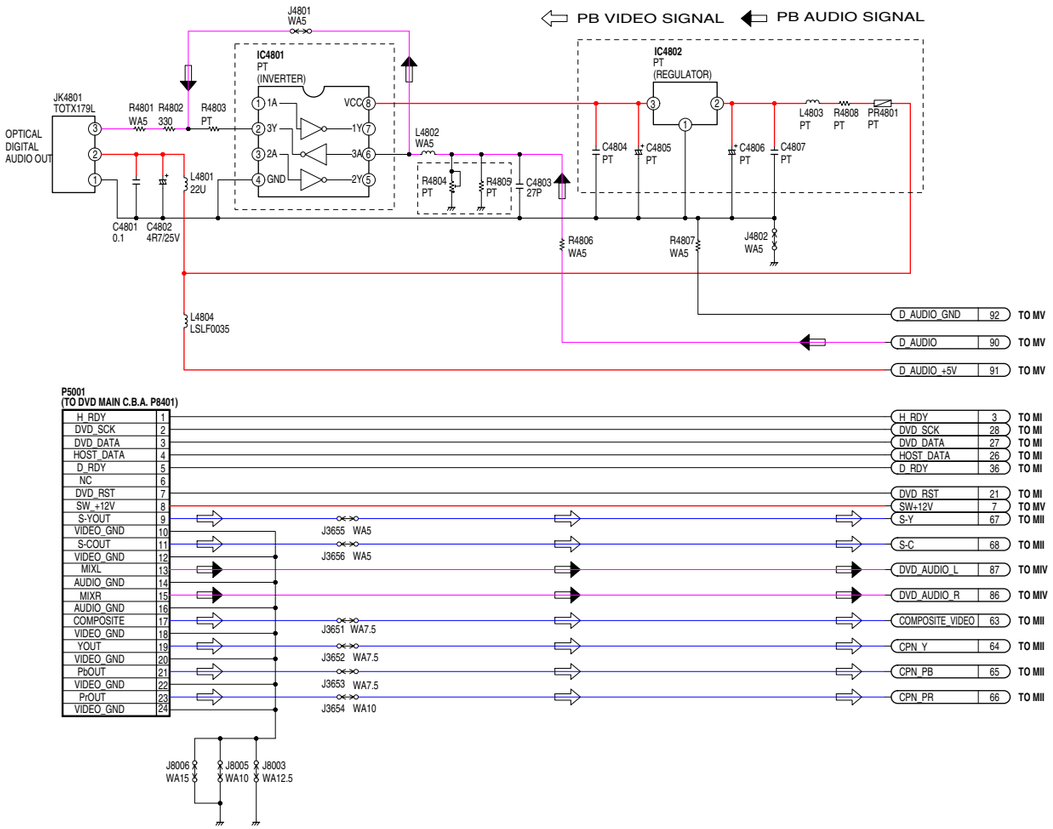
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2144
MAIN VI (FIP POWER) SCHEMATIC DIAGRAM
MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

1. **Important safety notice**
   Components identified by the sign ⚠ have special characteristics important for safety. When replacing any of these components. Use only the specified parts.

2. Do not use the part number shown on this drawing for ordering.
   The correct part number and part value is shown in the parts list, and may be slightly different or amended since this drawing was prepared.

3. Use only original replacement parts:
   To maintain original function and reliability of repaired units, use only original replacement parts which are listed with their part numbers in the parts list section of the service manual.

4. Parts different in shape or size may be used.
   However, only interchangeable parts will be supplied as service replacement parts.

5. Test point information
   ▭→ : Test point with a jumper wire across a hole in P.C.B.
   ⚲ : Test point with no test pin.
   ● :Test point with a component lead on the foil side.

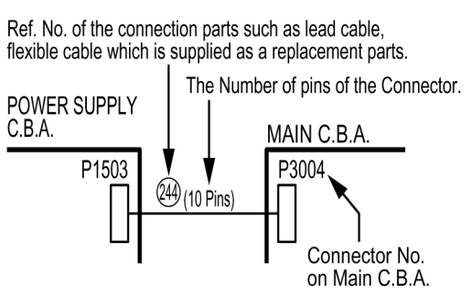
Schematic Diagram Notes

1. Indication for Zener Voltage of Zener Diodes
   The Zener Voltage of Zener Diodes are indicated as such on Schematic Diagrams.

   Example:
   (6.2V).....Zener Voltage

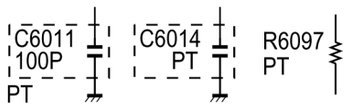
2. How to identify Connectors
   Each connector is labeled with a Connector No. and Pin No. Indicating what it is connected to,
   in other words, its counter part.
   Use the interconnection schematic diagram to find the connection between associated connectors.

   Example:
   The connections between C.B.A.s are shown below.


Ref. No. of the connection parts such as lead cable, flexible cable which is supplied as a replacement parts.
The Number of pins of the Connector.
POWER SUPPLY C.B.A.
MAIN C.B.A.
P1503
(244) (10 Pins)
P3004
Connector No. on Main C.B.A.

3. Parts marked "PT" are not used in any models included in this service model.

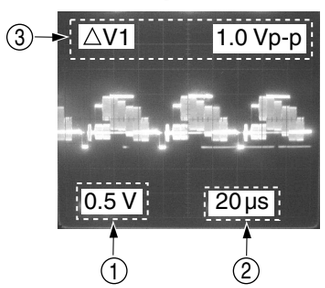
Example:



4. Jumper wires are used for WA10, WA5 etc and these are not supplied as replacement parts.

Signal Waveform Note

How to read Signal Waveform



① Volts/Div
② Time/Div
③ △V1:Peak to Peak

Voltage Chart Note

Voltage Measurement
a. Color bar signal in SP mode.
b, ---: Unmeasurable or not necessary to measure.

Circuit Board Layout Note

Circuit Board Layout shows components installed for various models.
For proper parts content for the model you are servicing, please refer to the schematic diagram and parts list.

NOTE:
Circuit Board Layout includes components which are not used.

Model No. Identification Mark

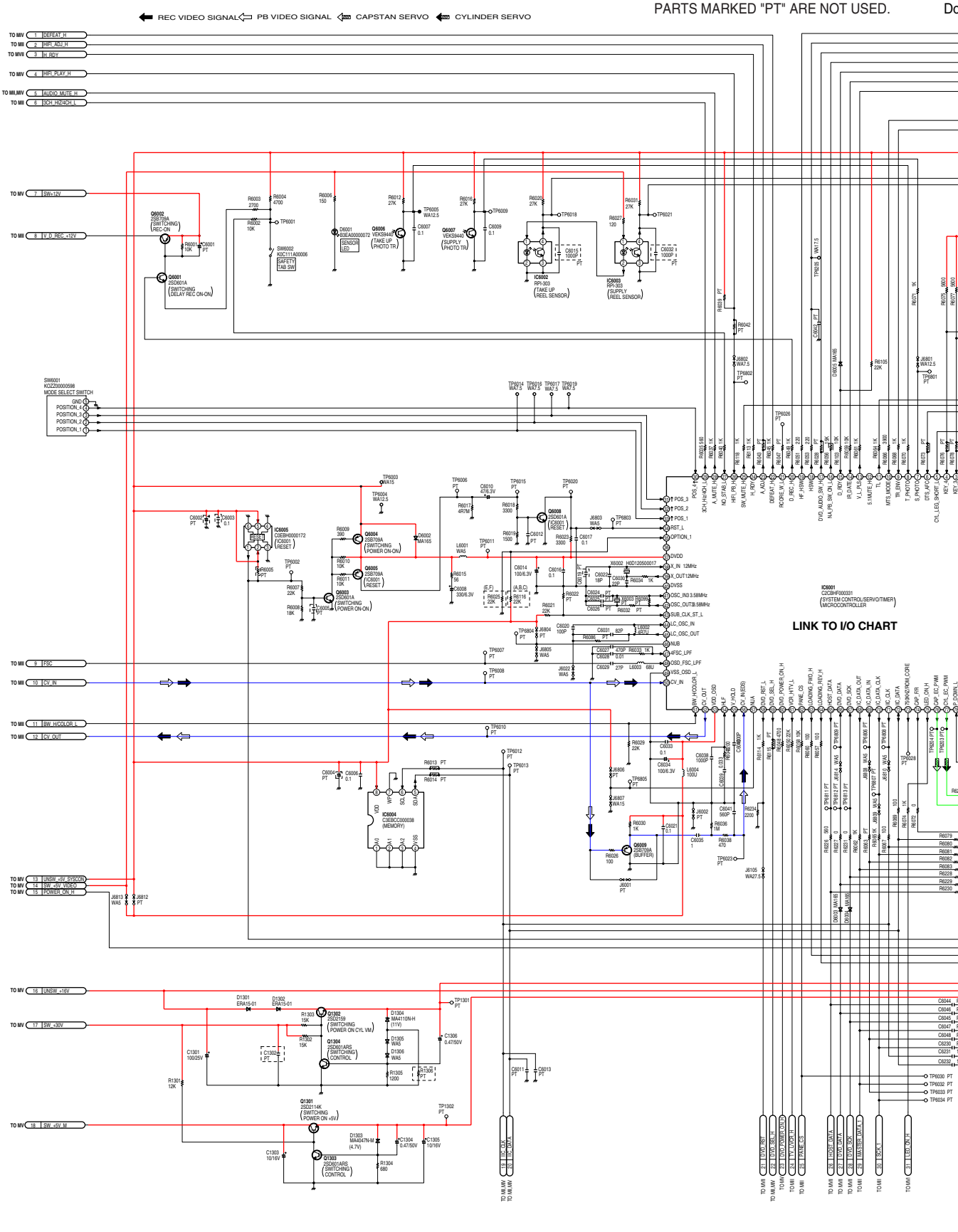
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

Note : Refer to item 3 of Schematic Diagram Notes for mark "PT".

6.2. MAIN SCHEMATIC DIAGRAMS (Models: PV-D4734S/ PV-D4744/ PV-D4744S/ P

MAIN I (SYSTEM CONTROL / SERVO) SCHEMATIC DIAGRAM

NOTE:
PARTS MARKED "PT" ARE NOT USED.



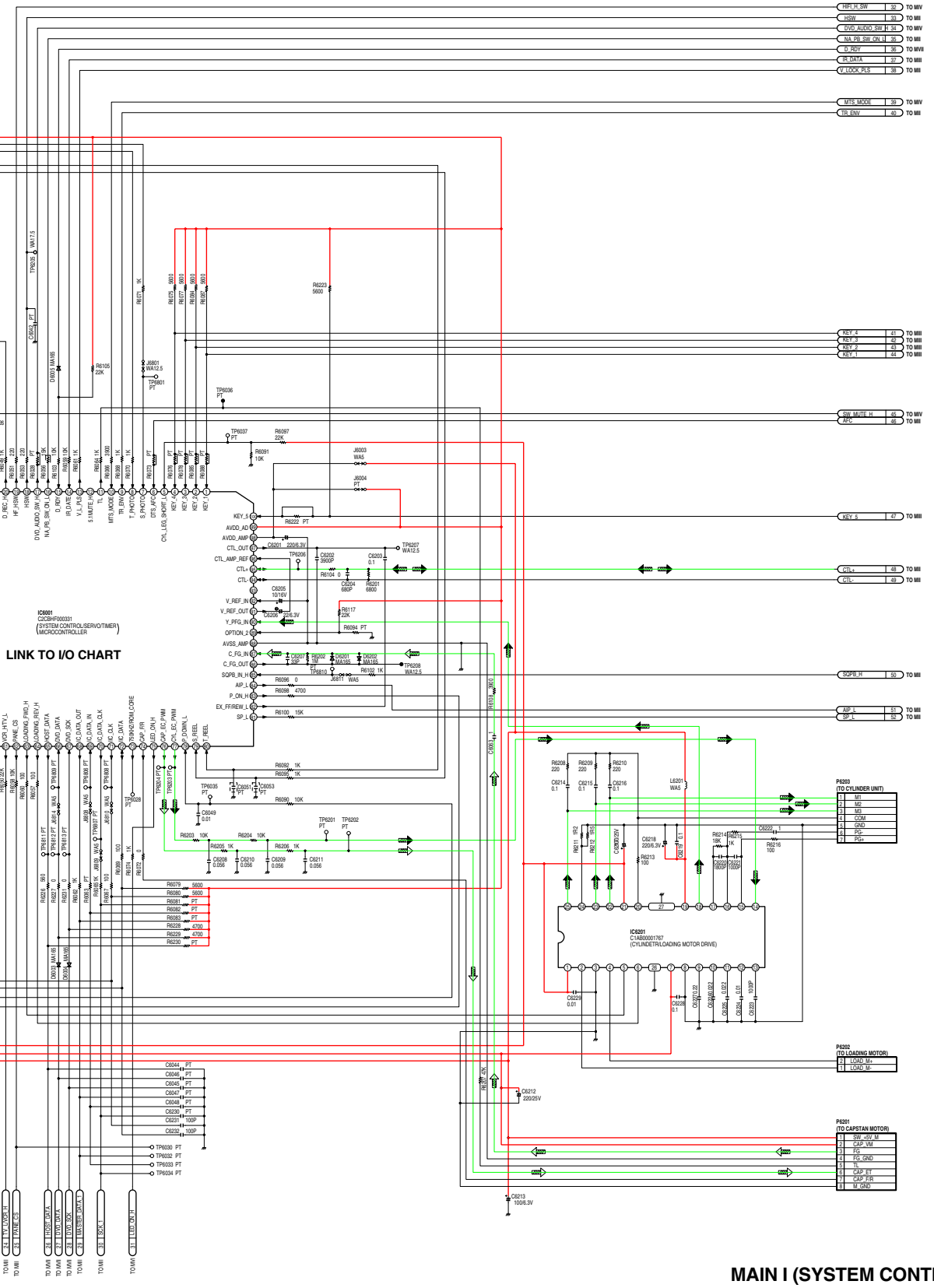
ARE NOT USED.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

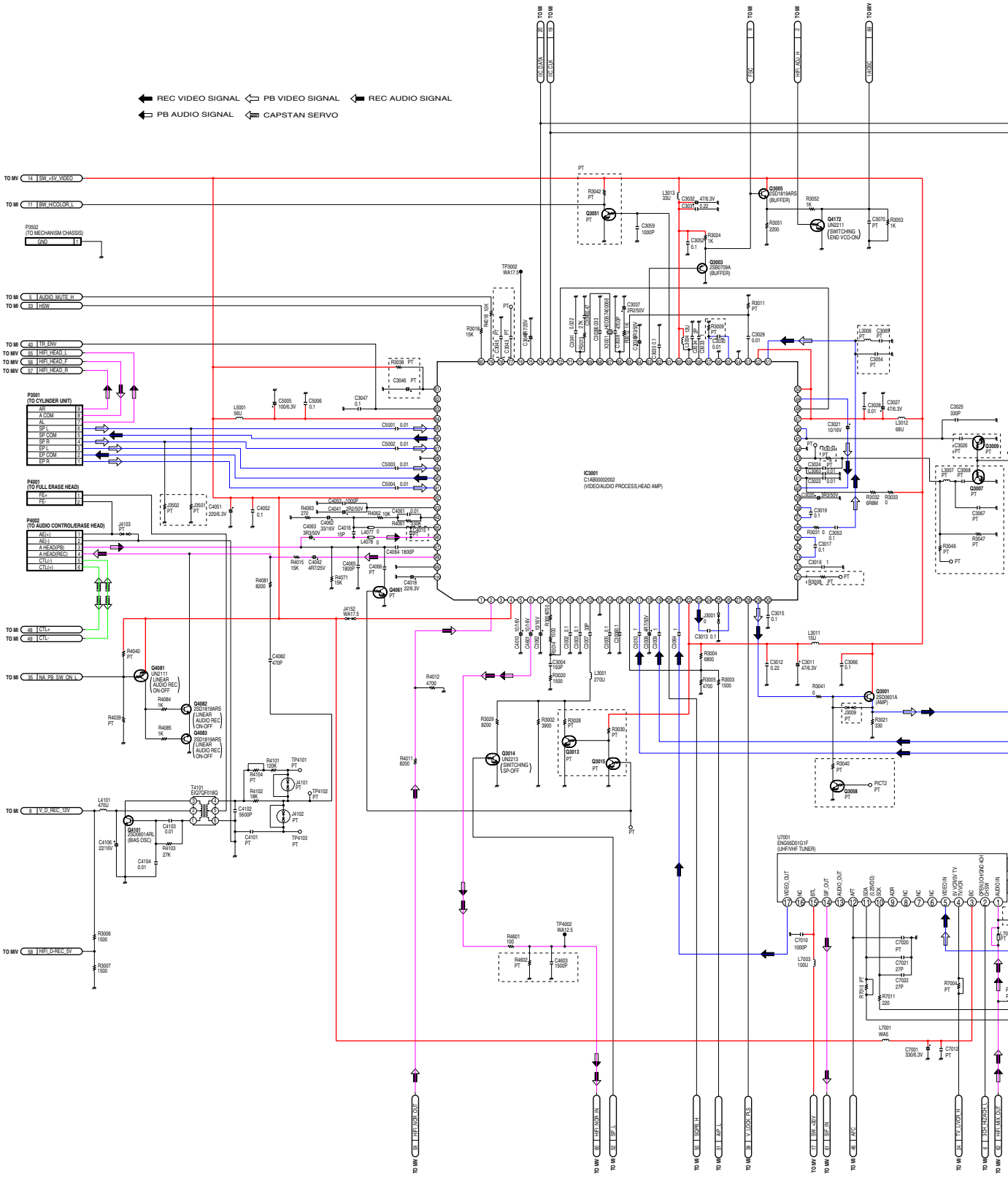
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2144
MAIN I (SYSTEM CONTROL / SERVO) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM



M

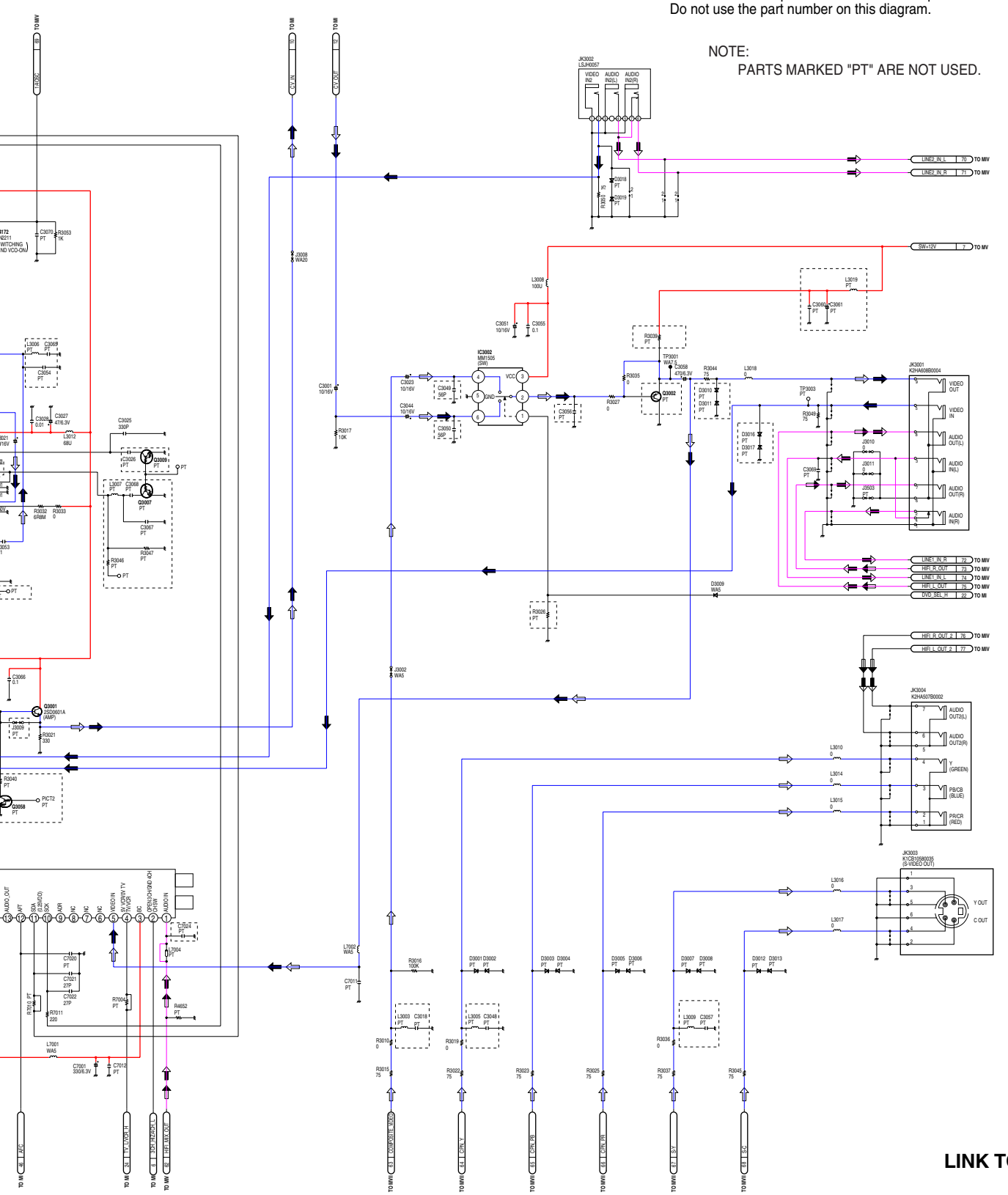
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



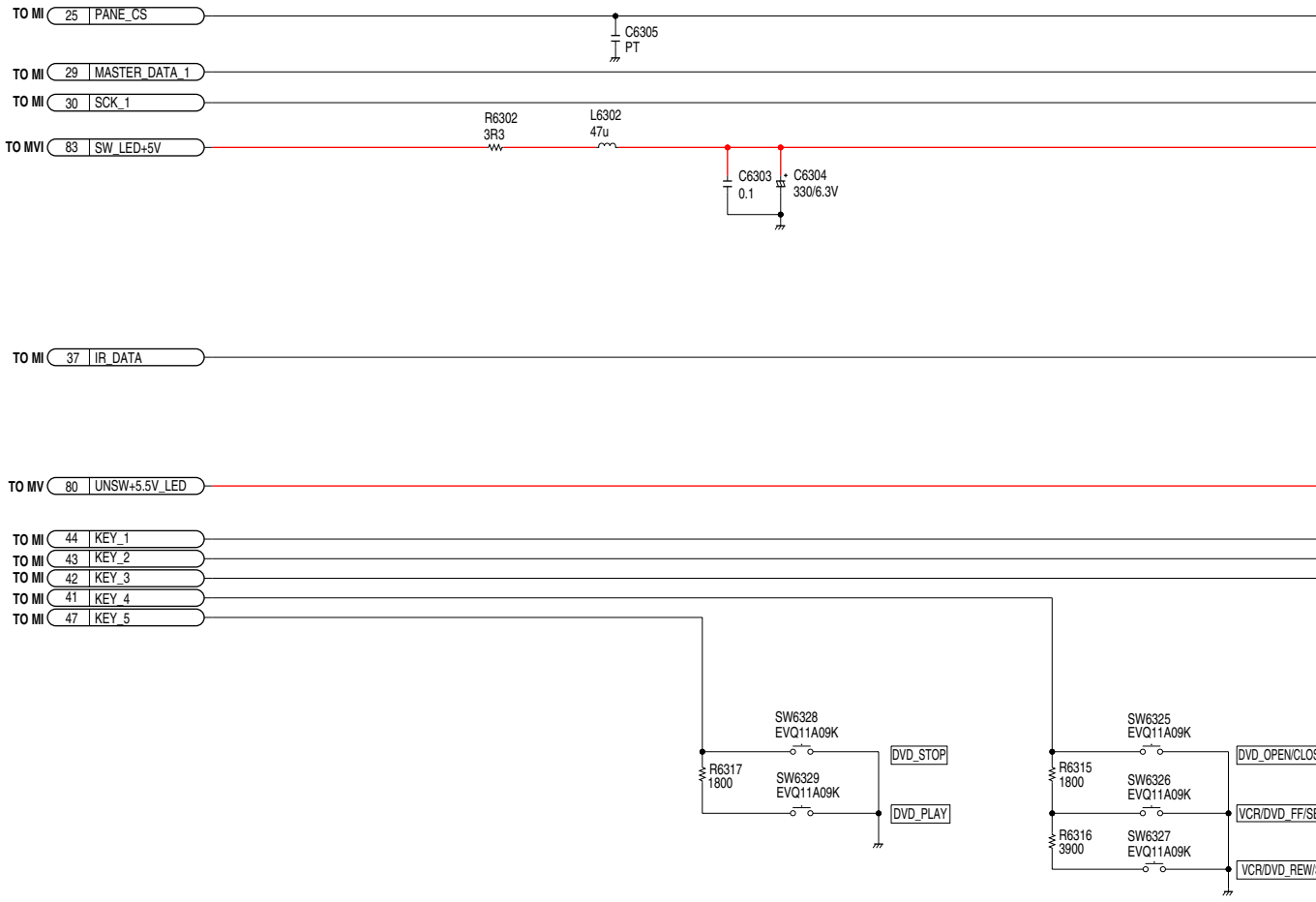
LINK TO VOLTAGE CHART

LSJB2144
MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN III (OPERATION) SCHEMATIC DIAGRAM

NOTE:
FOR SCHEMATIC DIAGRAM AN
REFER TO BEGINNING OF SCH

NOTE:
PARTS MARKED "PT" ARE



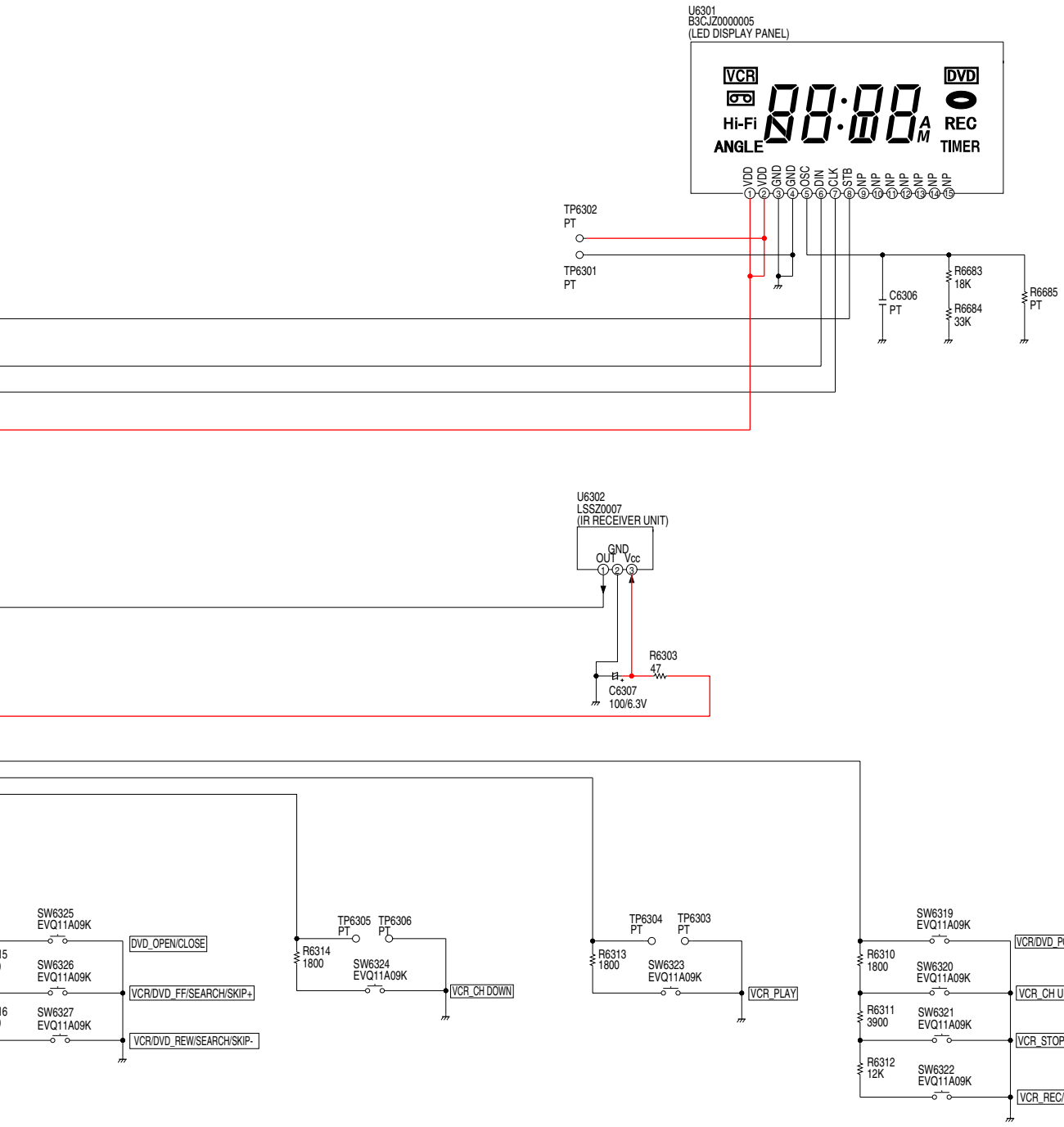
OTE:
OR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
EFER TO BEGINNING OF SCHEMATIC SECTION.

OTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

COMPARISON CHART OF MODELS & MARKS

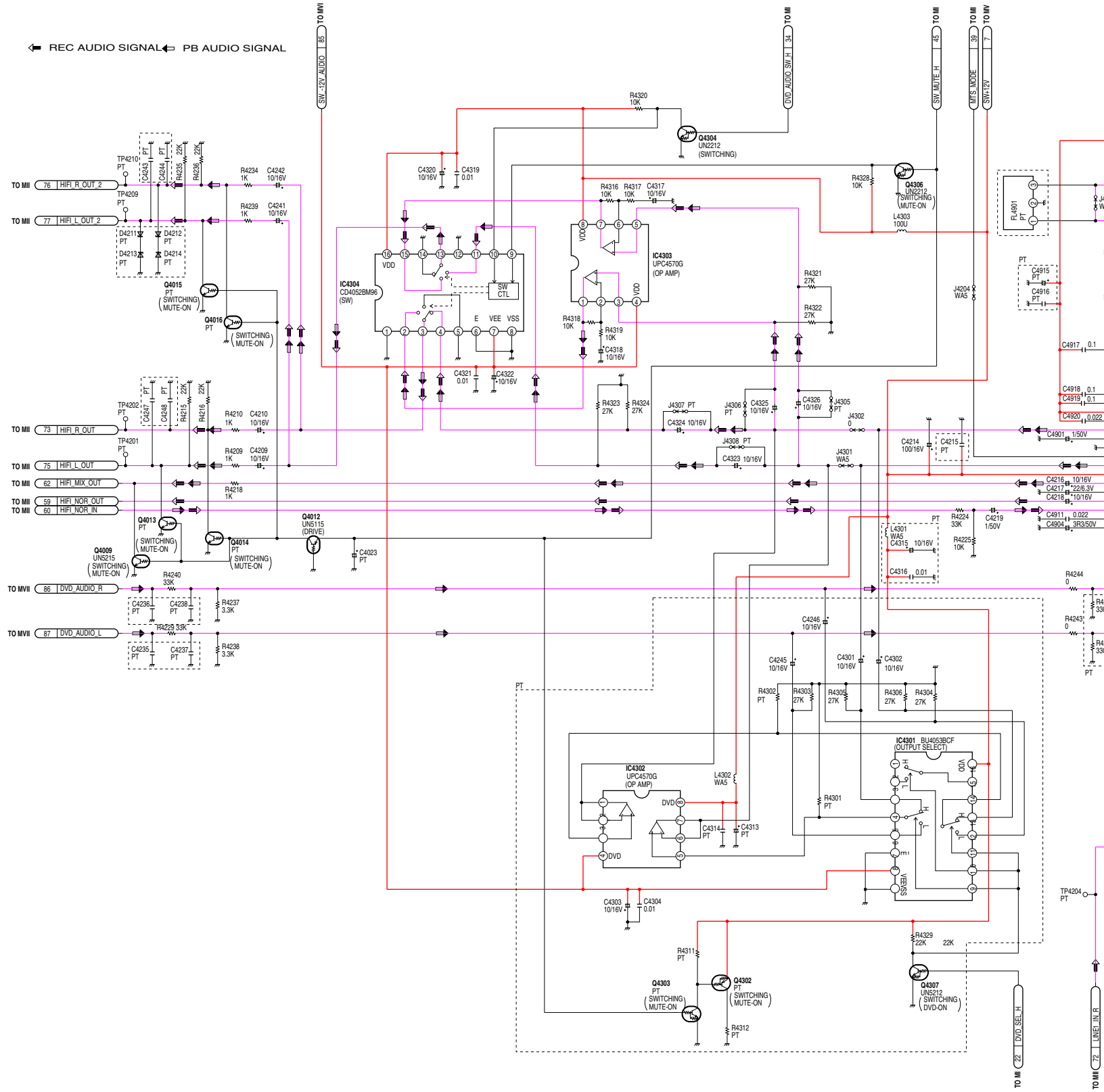
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LSJB2144
MAIN III (OPERATION) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM

NOTE:
For placing a purchase order of
be sure to use the part number
Do not use the part number on



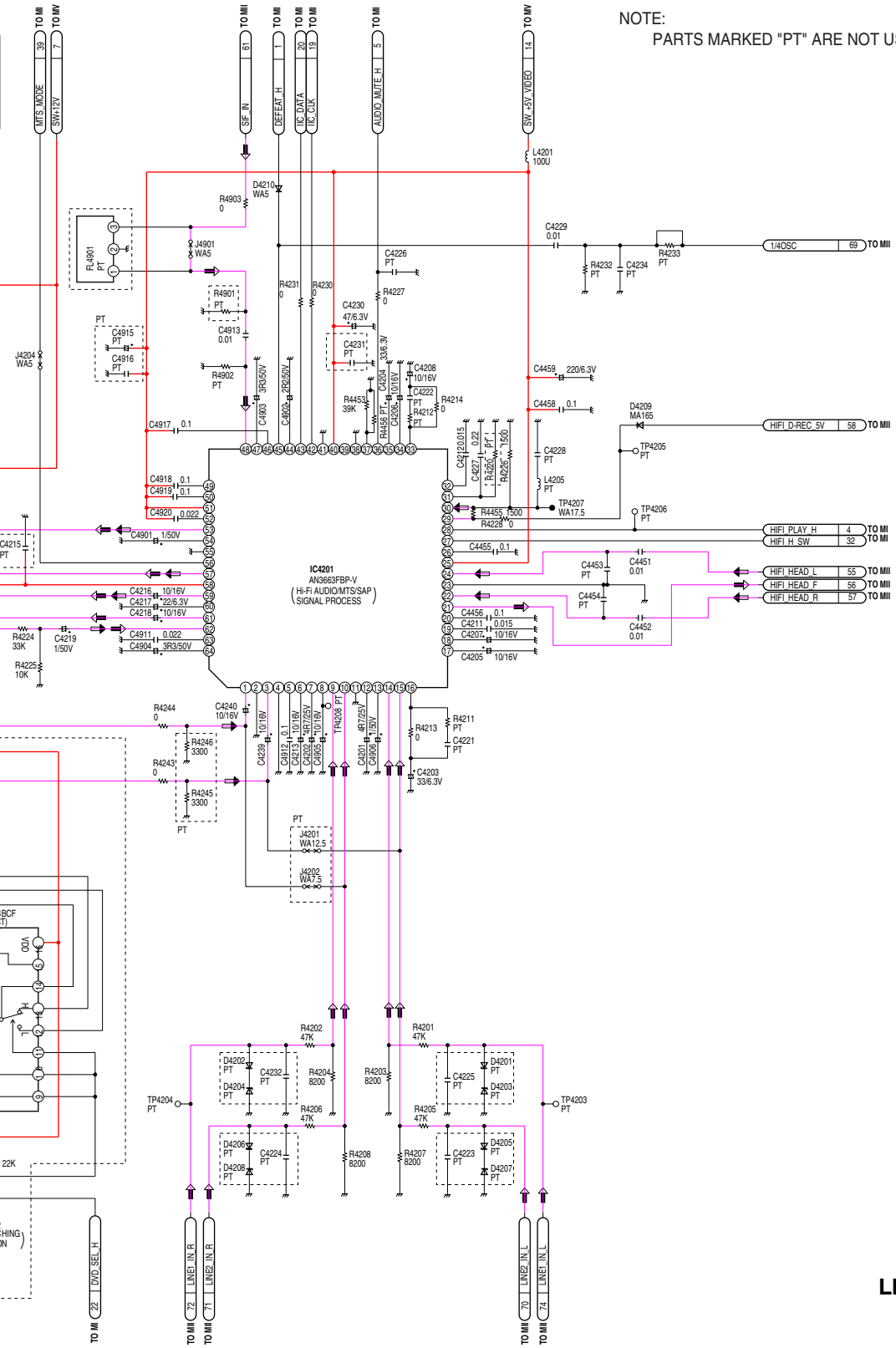
NOTE:
or placing a purchase order of the parts,
e sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2144
MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM

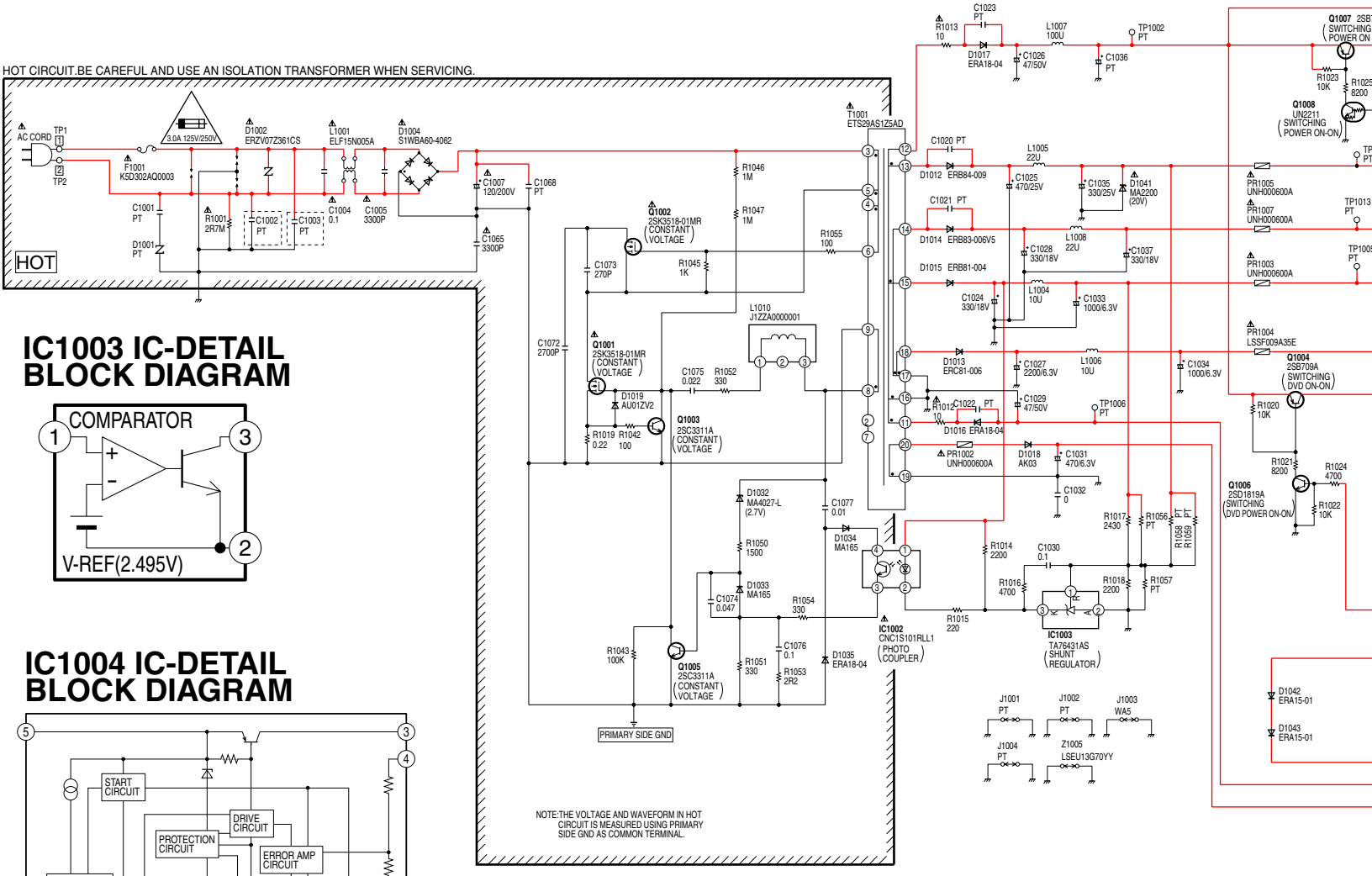
CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE 3.0A 125V/250V FUSE.
ATTENTION:POUR UNE PROTECTION CONTINUE LES RISQUES
D' INCENDIE N' UTILISERQUE DES FUSIBLE DE MÉME
TYPE 3.0A 125V/250V

3.0A 125V/250V

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
For placing a purchase order of the
be sure to use the part number liste
Do not use the part number on this

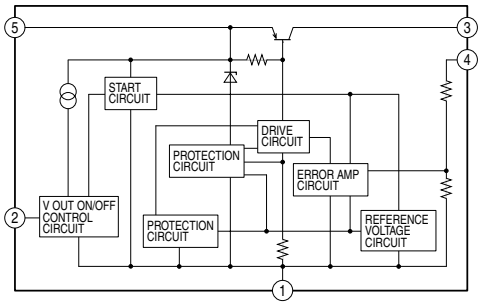
HOT CIRCUIT.BE CAREFUL AND USE AN ISOLATION TRANSFORMER WHEN SERVICING.



NOTE:THE VOLTAGE AND WAVEFORM IN HOT CIRCUIT IS MEASURED USING PRIMARY SIDE GND AS COMMON TERMINAL.

IC1003 IC-DETAIL BLOCK DIAGRAM

IC1004 IC-DETAIL BLOCK DIAGRAM



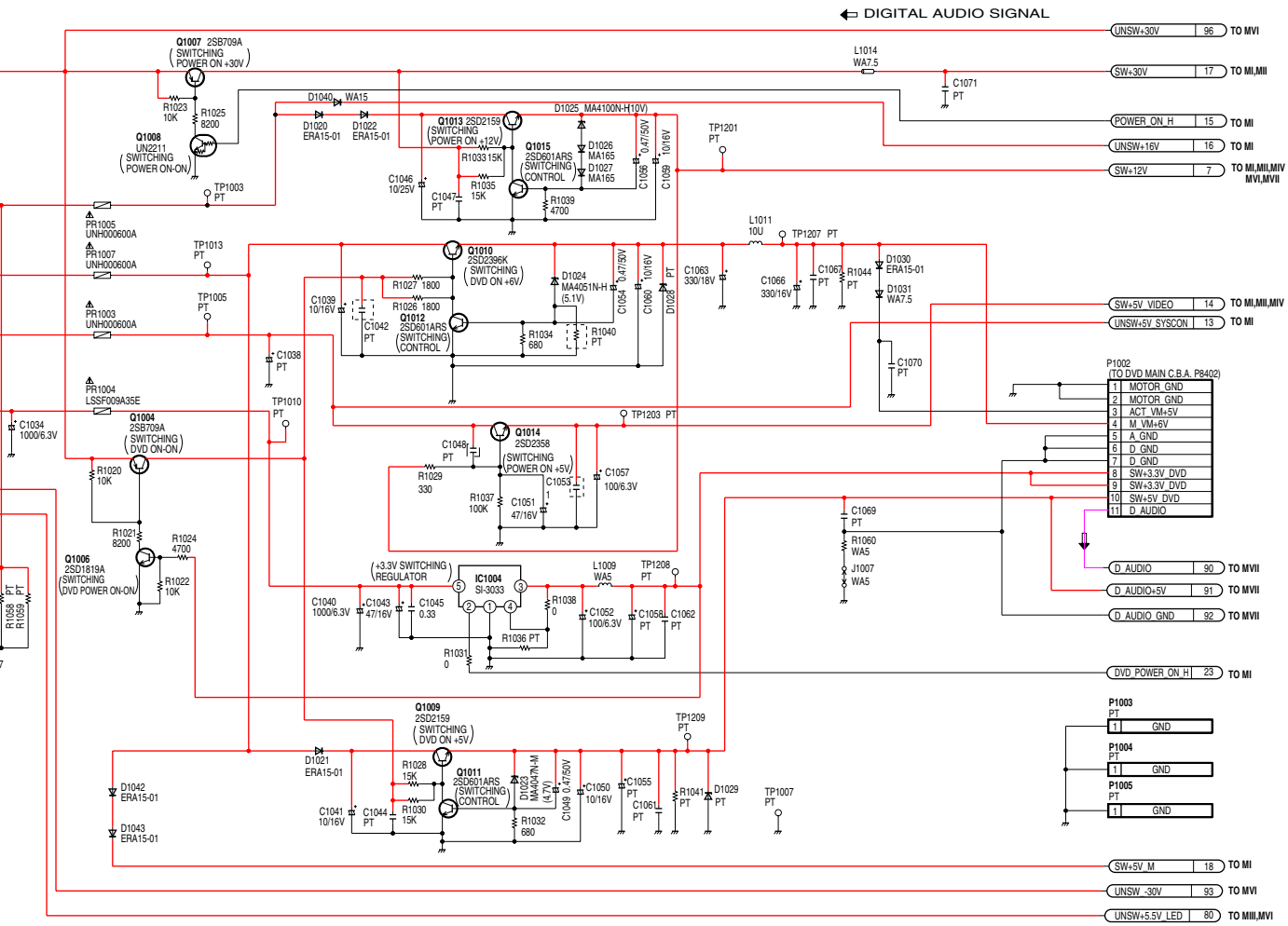
E:
acing a purchase order of the parts,
re to use the part number listed in the parts list.
t use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2144
MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN VI (FIP POWER) SCHEMATIC DIAGRAM

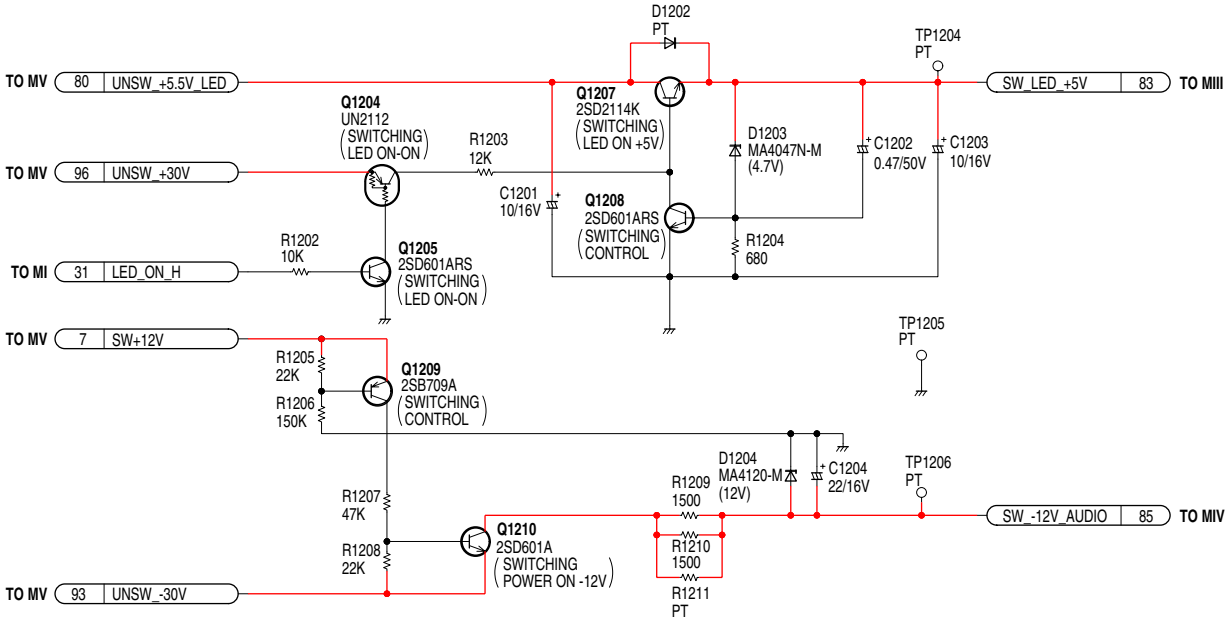
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM

ART OF S

MARK
A
B
C
D
E
F
G
PT

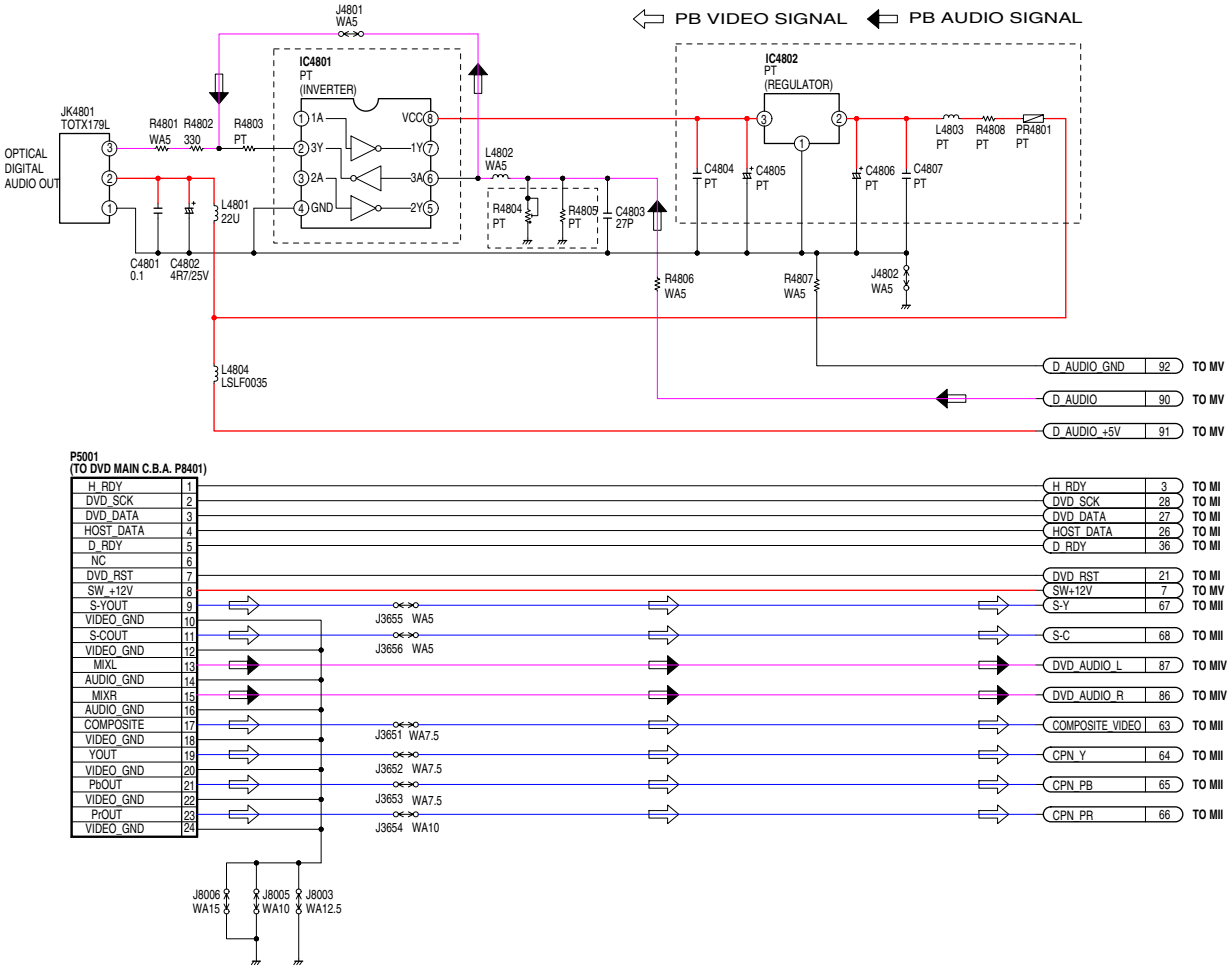
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2144
MAIN VI (FIP POWER) SCHEMATIC DIAGRAM
MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4734S-K/PV-D4744S-K

MAIN I (SYSTEM CONTROL / SERVO) SCHEMATIC DIAGRAM

NOTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
For placing a purchase order of t
be sure to use the part number li
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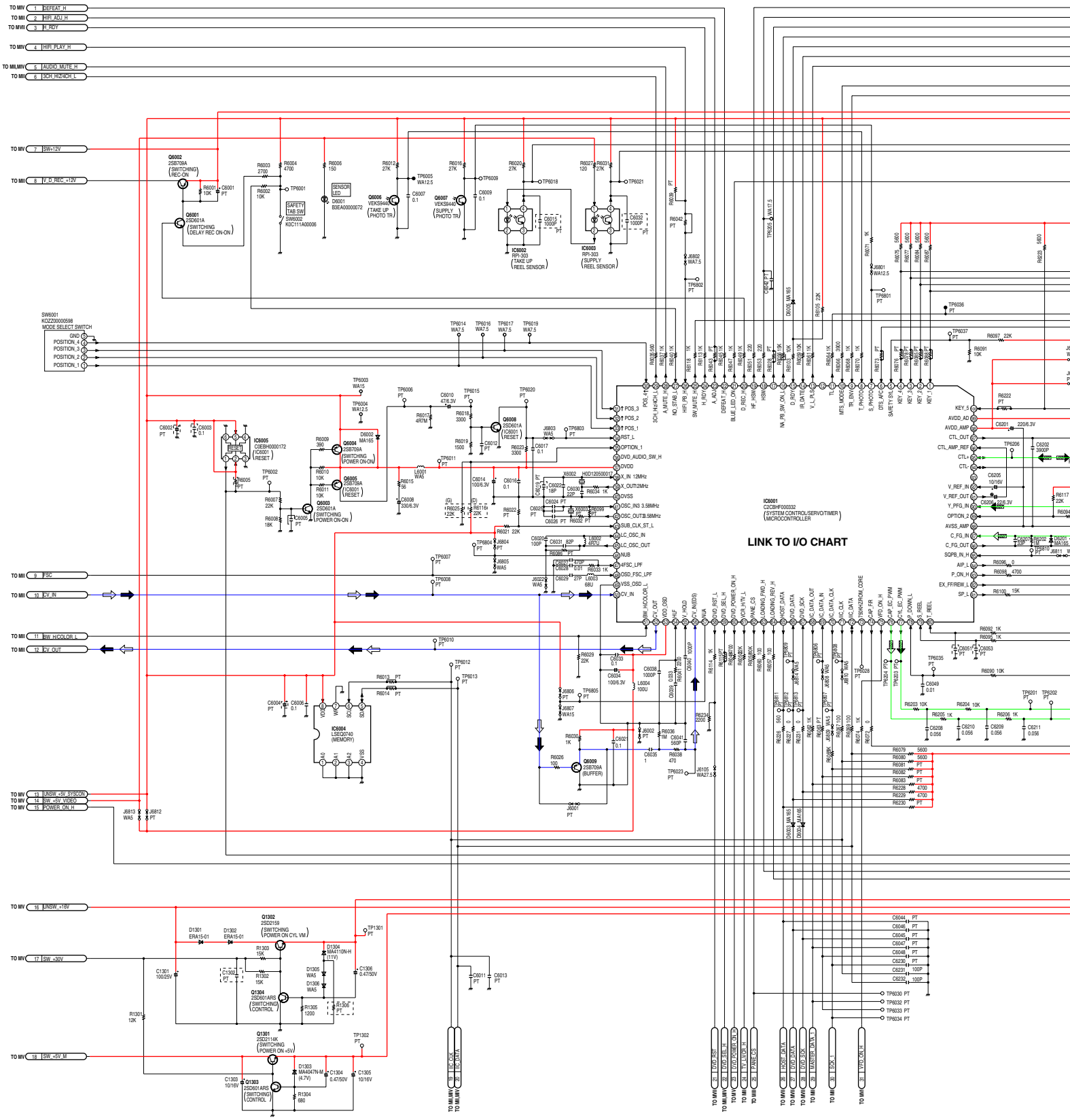
REC VIDEO SIGNAL PB VIDEO SIGNAL CAPSTAN SERVO CYLINDER SERVO

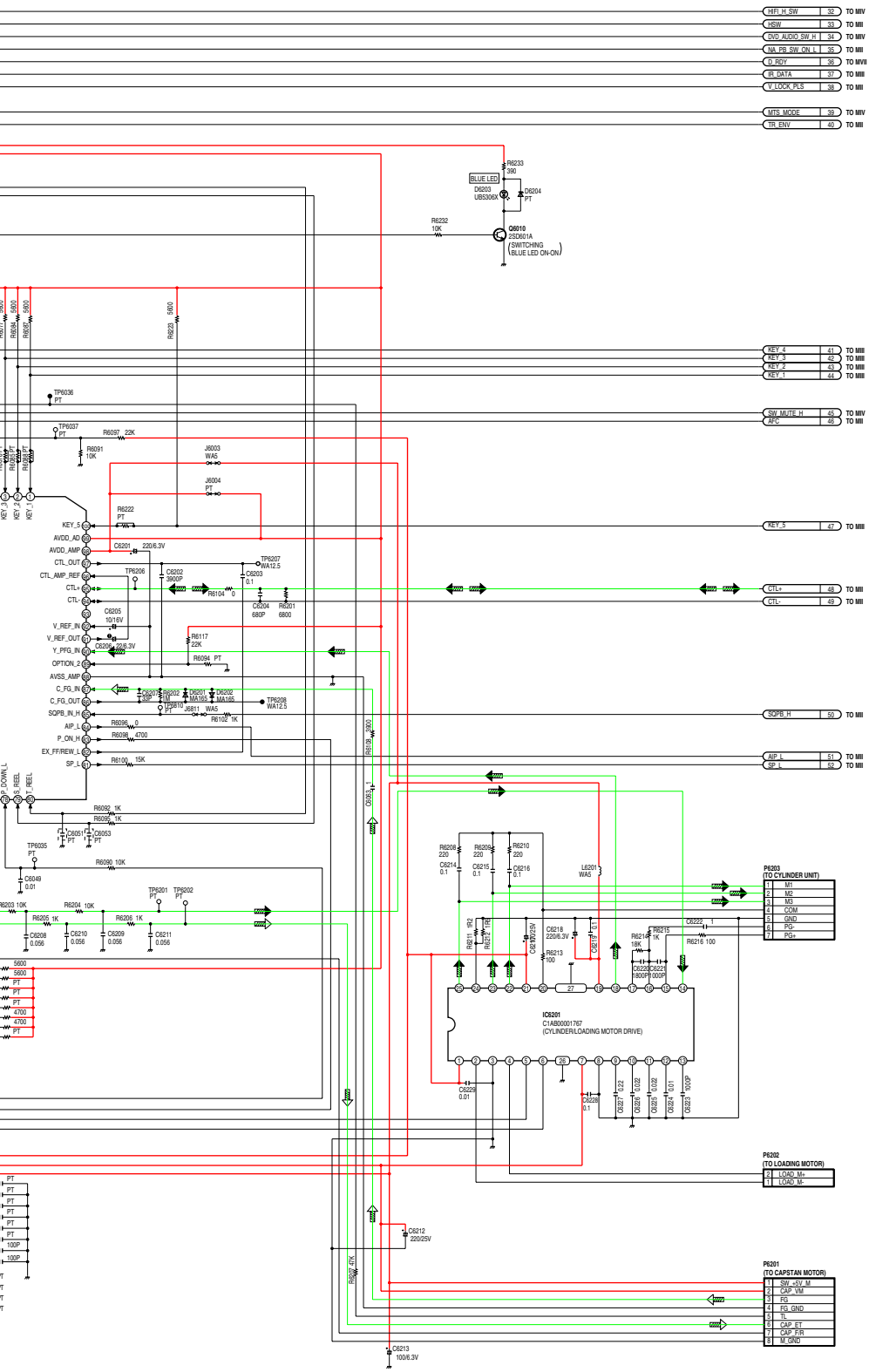


OTE:
r placing a purchase order of the parts,
sure to use the part number listed in the parts list.
not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

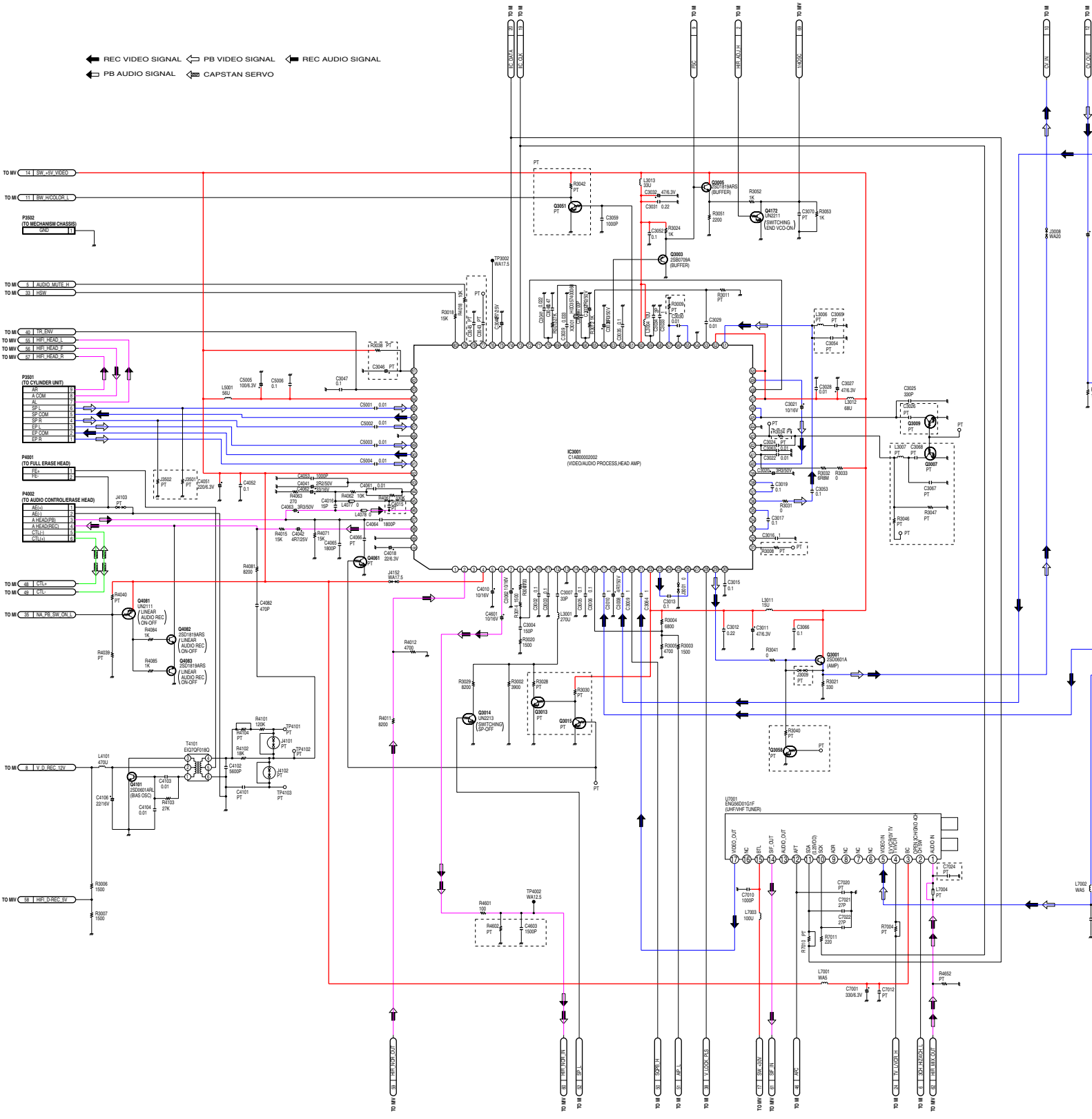


LINK TO VOLTAGE CHART

LSJB2154
MAIN I (SYSTEM CONTROL / SERVO) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM

NOTE:
FOR SCHEMATIC DIAGRAM
REFER TO BEGINNING OF



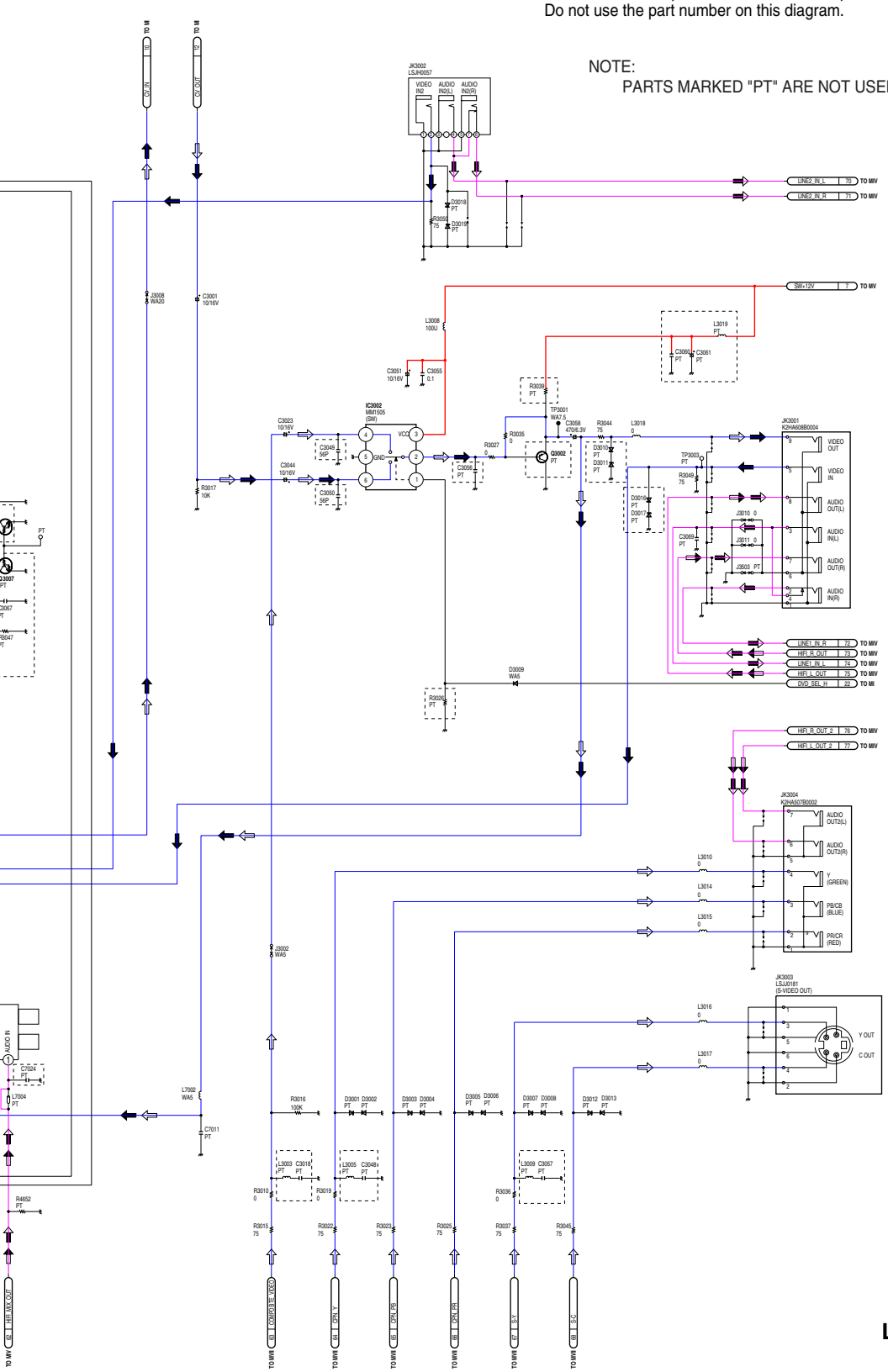
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
For placing a purchase order of the parts, be sure to use the part number listed in the parts list. Do not use the part number on this diagram.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

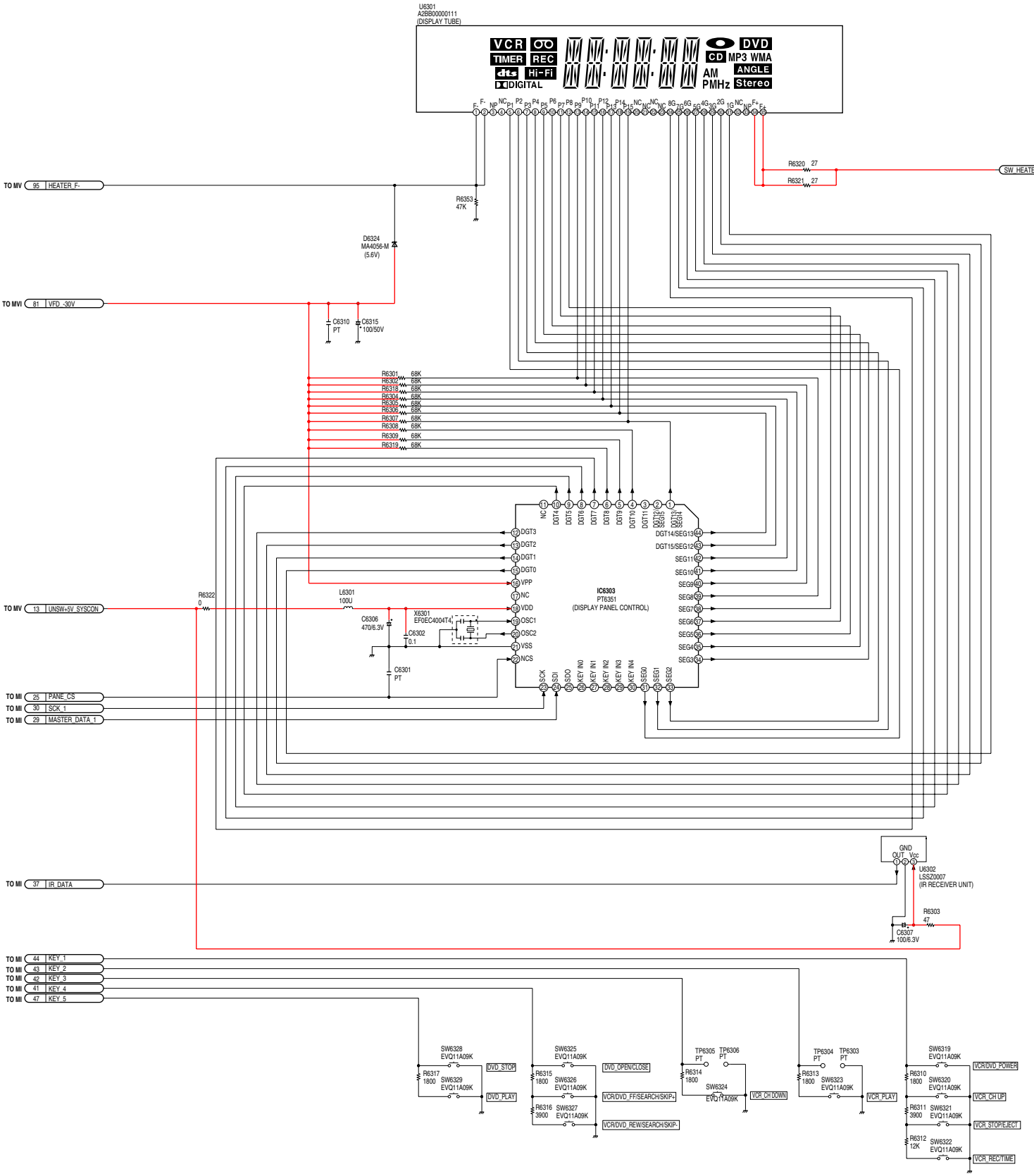
MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2154
MAIN II (VIDEO SIGNAL PROCESS / AUDIO) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN III (OPERATION) SCHEMATIC DIAGRAM



NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

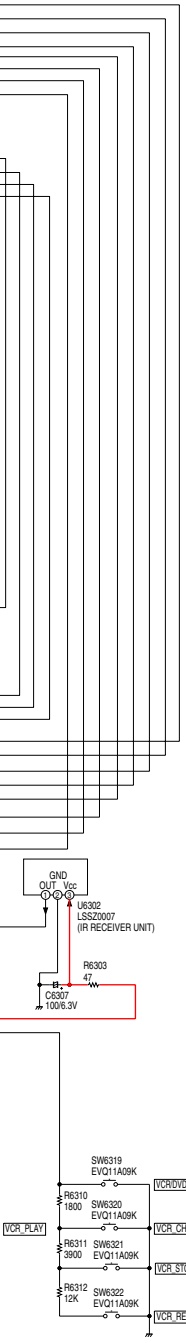
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

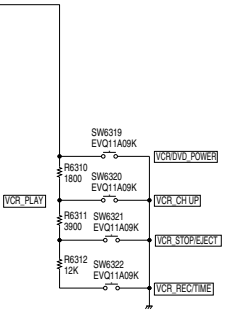
NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

SW_HEATER_F+ | 82 TO MVI





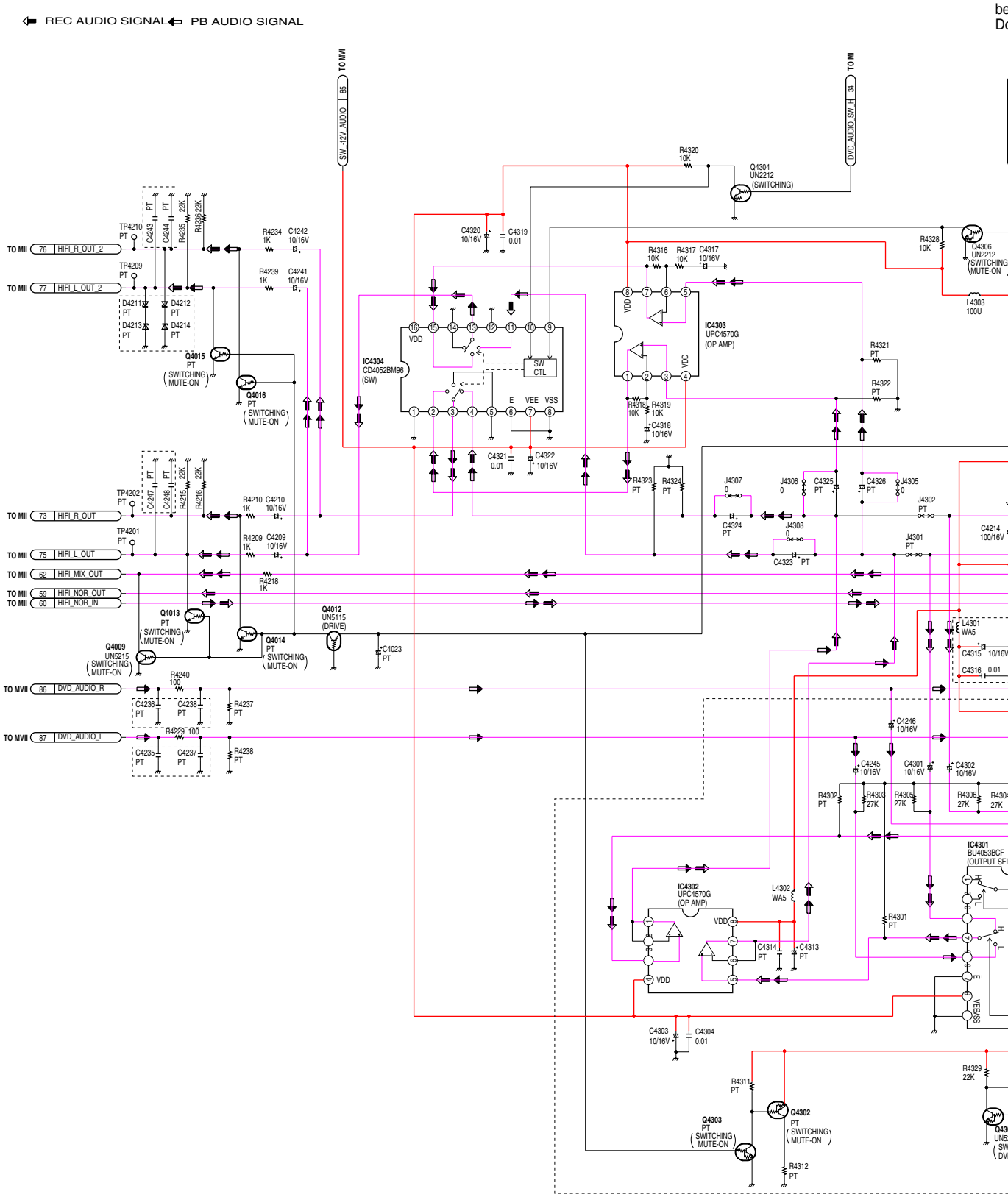
I/O CHART OF IC6303

Pin No.	I/O	Signal Name	Description
1	O	DGT13/SEG14	Digit 13/Segment 14
2	-	DGT12/SEG15	(Not used)
3	-	DGT11	(Not used)
4	O	DGT10	Digit 10
5	O	DGT9	Digit 9
6	O	DGT8	Digit 8
7	O	DGT7	Digit 7
8	O	DGT6	Digit 6
9	O	DGT5	Digit 5
10	O	DGT4	Digit 4
11	-	NC	(Not used)
12	O	DGT3	Digit 3
13	O	DGT2	Digit 2
14	O	DGT1	Digit 1
15	O	DGT0	Digit 0
16	I	VPP	-30V
17	-	NC	(Not used)
18	I	VDD	+5V
19	I	OSC1	X In
20	O	OSC2	X Out
21	-	VSS	Ground
22	I	NCS	IC6303 cs(L)
23	I	SCK	Serial clock 1
24	I	SDI	Serial data 1
25	-	SDO	(Not used)
26	-	KEY IN0	(Not used)
27	-	KEY IN1	(Not used)
28	-	KEY IN2	(Not used)
29	-	KEY IN3	(Not used)
30	-	KEY IN4	(Not used)
31	O	SEG0	Segment 0
32	O	SEG1	Segment 1
33	O	SEG2	Segment 2
34	O	SEG3	Segment 3
35	O	SEG4	Segment 4
36	O	SEG5	Segment 5
37	O	SEG6	Segment 6
38	O	SEG7	Segment 7
39	O	SEG8	Segment 8
40	O	SEG9	Segment 9
41	O	SEG10	Segment 10
42	O	SEG11	Segment 11
43	O	DGT15/SEG12	Digit 15/Segment 12
44	O	DGT14/SEG13	Digit 14/Segment 13

LINK TO VOLTAGE CHART

LSJB2154
MAIN III (OPERATION) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM



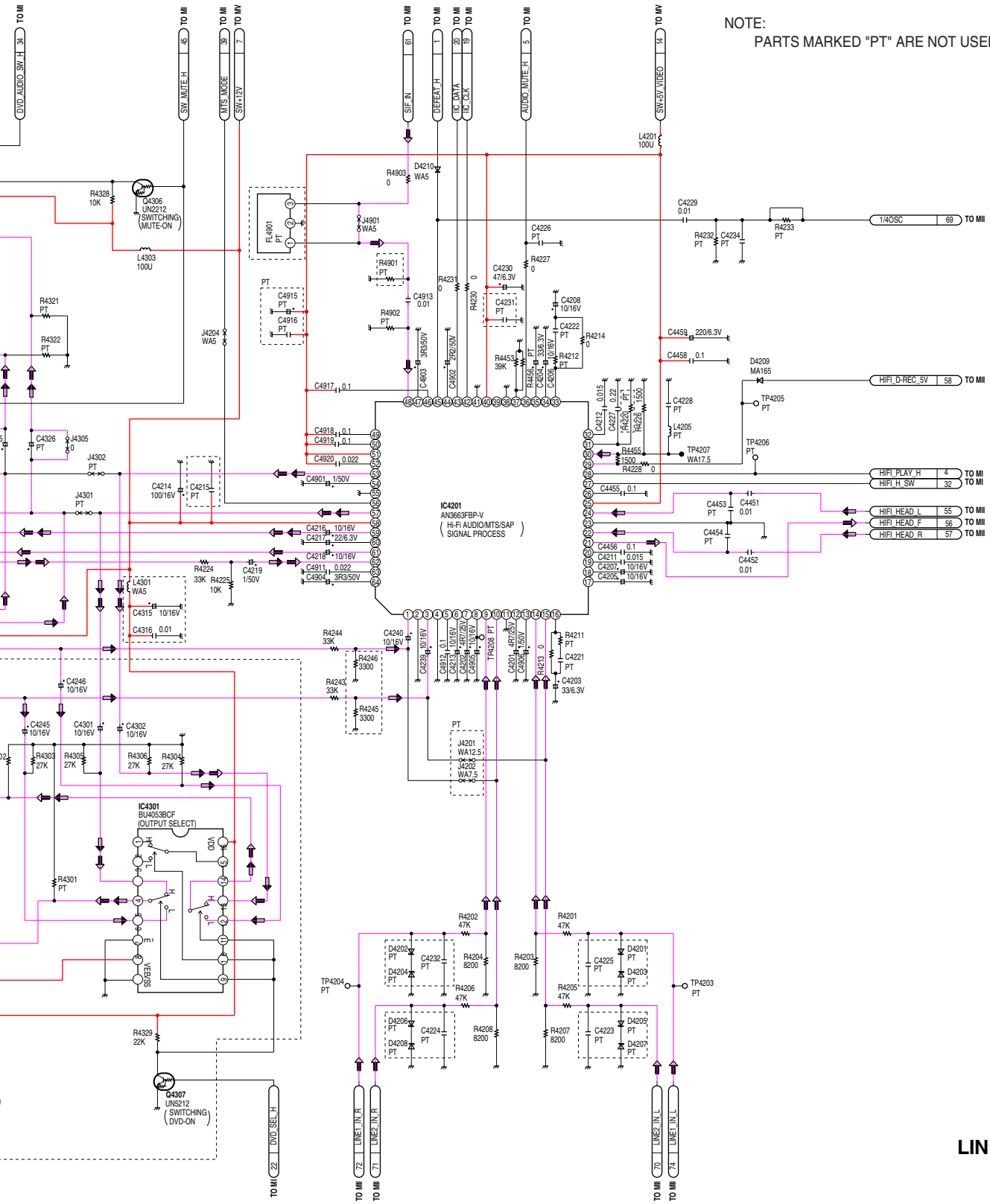
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2154
MAIN IV (Hi-Fi) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM

CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE 3.0A 125V/250V FUSE.
ATTENTION:POUR UNE PROTECTION CONTINUE LES RISQUES
D' INCENDIE N' UTILISERQUE DES FUSIBLE DE MÉME
TYPE 3.0A 125V/250V

3.0A 125V/250V

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE
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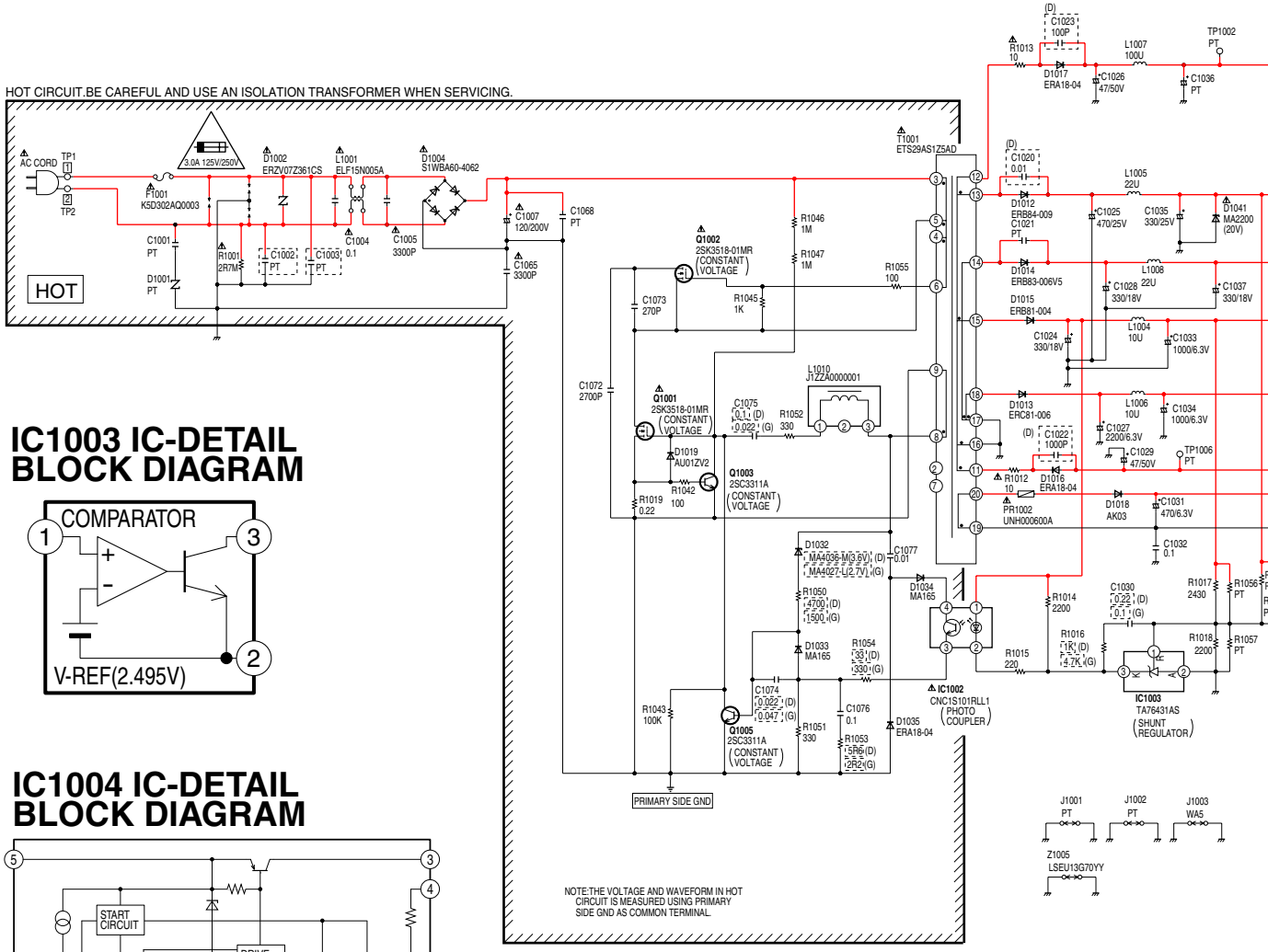
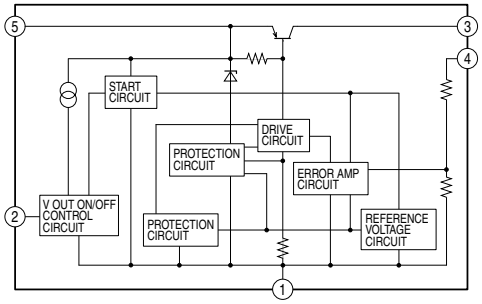
HOT CIRCUIT.BE CAREFUL AND USE AN ISOLATION TRANSFORMER WHEN SERVICING.



IC1003 IC-DETAIL BLOCK DIAGRAM

IC1004 IC-DETAIL BLOCK DIAGRAM



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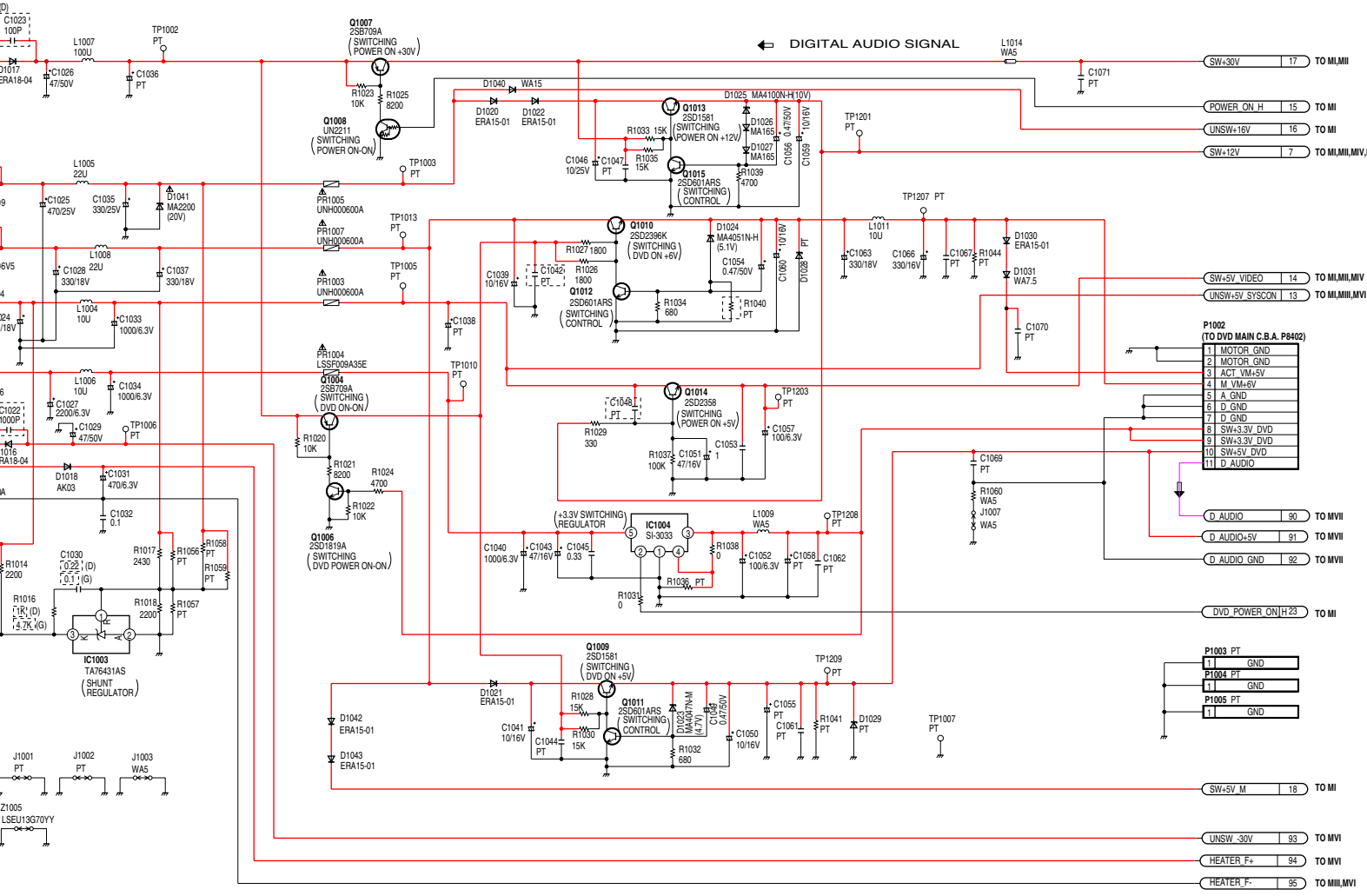
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHART

LSJB2154
MAIN V (POWER SUPPLY) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

MAIN VI (FIP POWER) SCHEMATIC DIAGRAM

NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

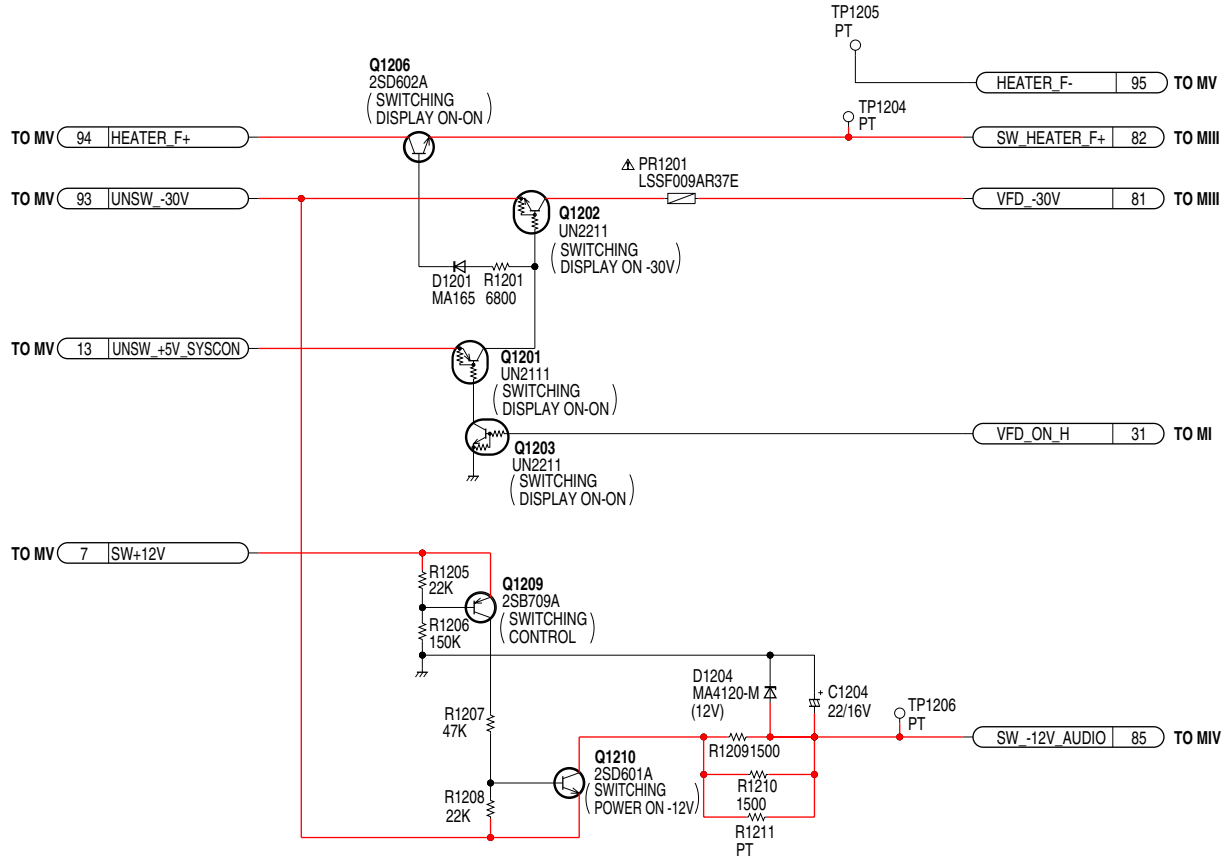
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE
SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,
USE ONLY THE SPECIFIED PARTS.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



MAIN VII

NOTE:
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NOTE:
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REFER TO

NOTE:
PARTS

JK4801
K7AABA000(
OPTICAL
DIGITAL
AUDIO OUT

P5001
(TO DVD MAIN C.B

H_RDY
DVD_SCK
DVD_DATA
HOST_DATA
D_RDY
NC
DVD_RST
SW_+12V
S-YOUT
VIDEO_GND
S-COUT
VIDEO_GND
MIXL
AUDIO_GND
MIXR
AUDIO_GND
COMPOSITE
VIDEO_GND
YOUT
VIDEO_GND
PbOUT
VIDEO_GND
PrOUT
VIDEO_GND

MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM

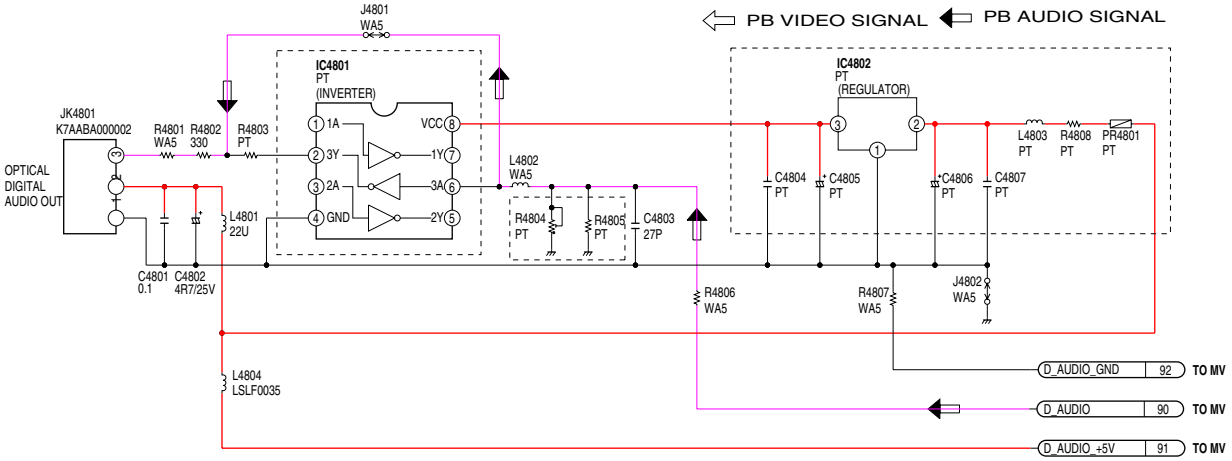
NOTE:
For placing a purchase order of the parts,
be sure to use the part number listed in the parts list.
Do not use the part number on this diagram.

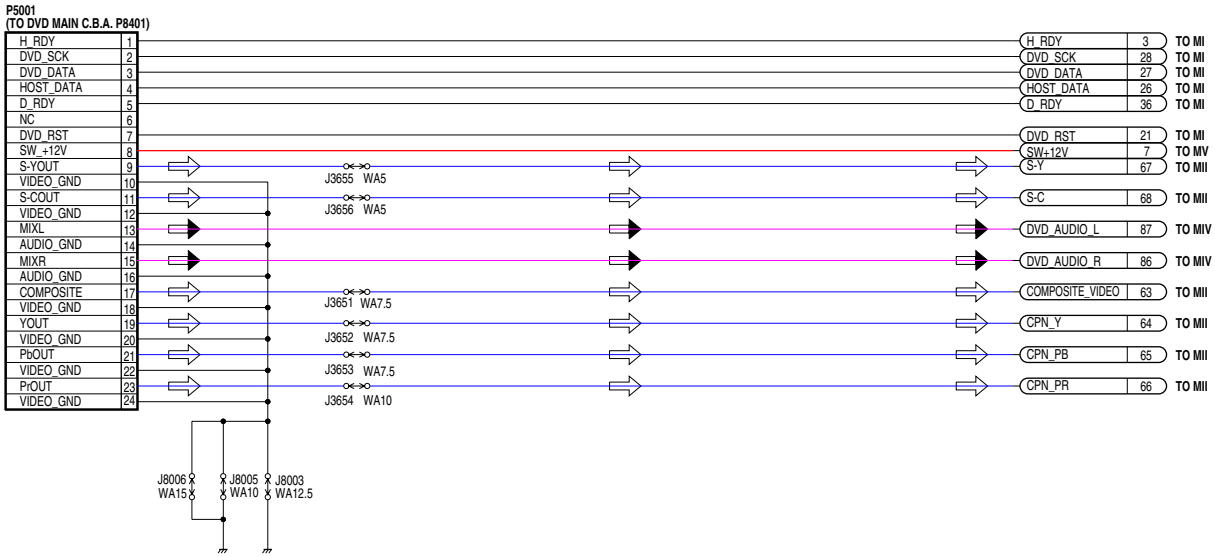
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE:
PARTS MARKED "PT" ARE NOT USED.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



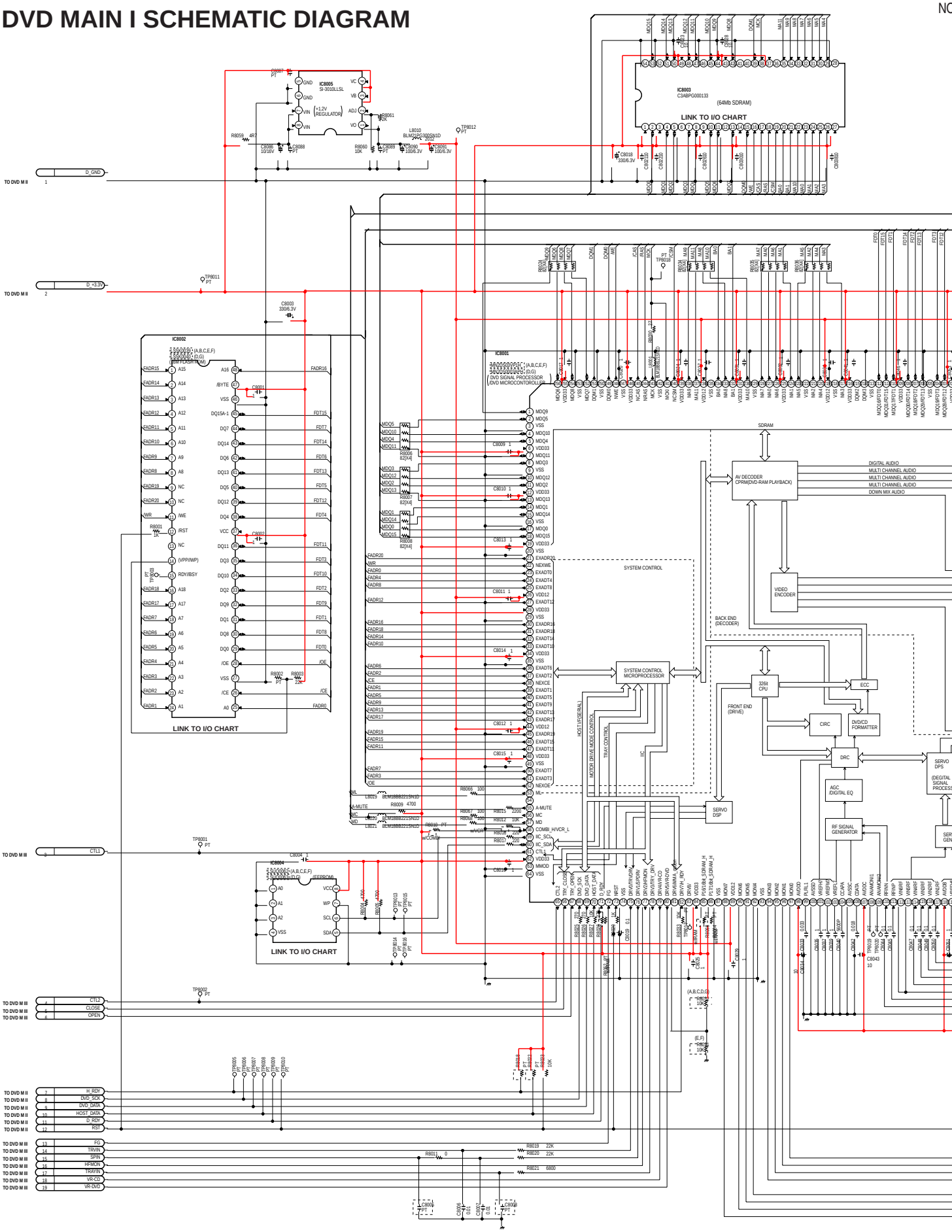


LINK TO VOLTAGE CHART

LSJB2154
MAIN VI (FIP POWER) SCHEMATIC DIAGRAM
MAIN VII (DVD INTERFACE) SCHEMATIC DIAGRAM
PV-D4754S/PV-D4754S-K

6.4. DVD MAIN/ DVD SUB SCHEMATIC DIAGRAM

DVD MAIN I SCHEMATIC DIAGRAM



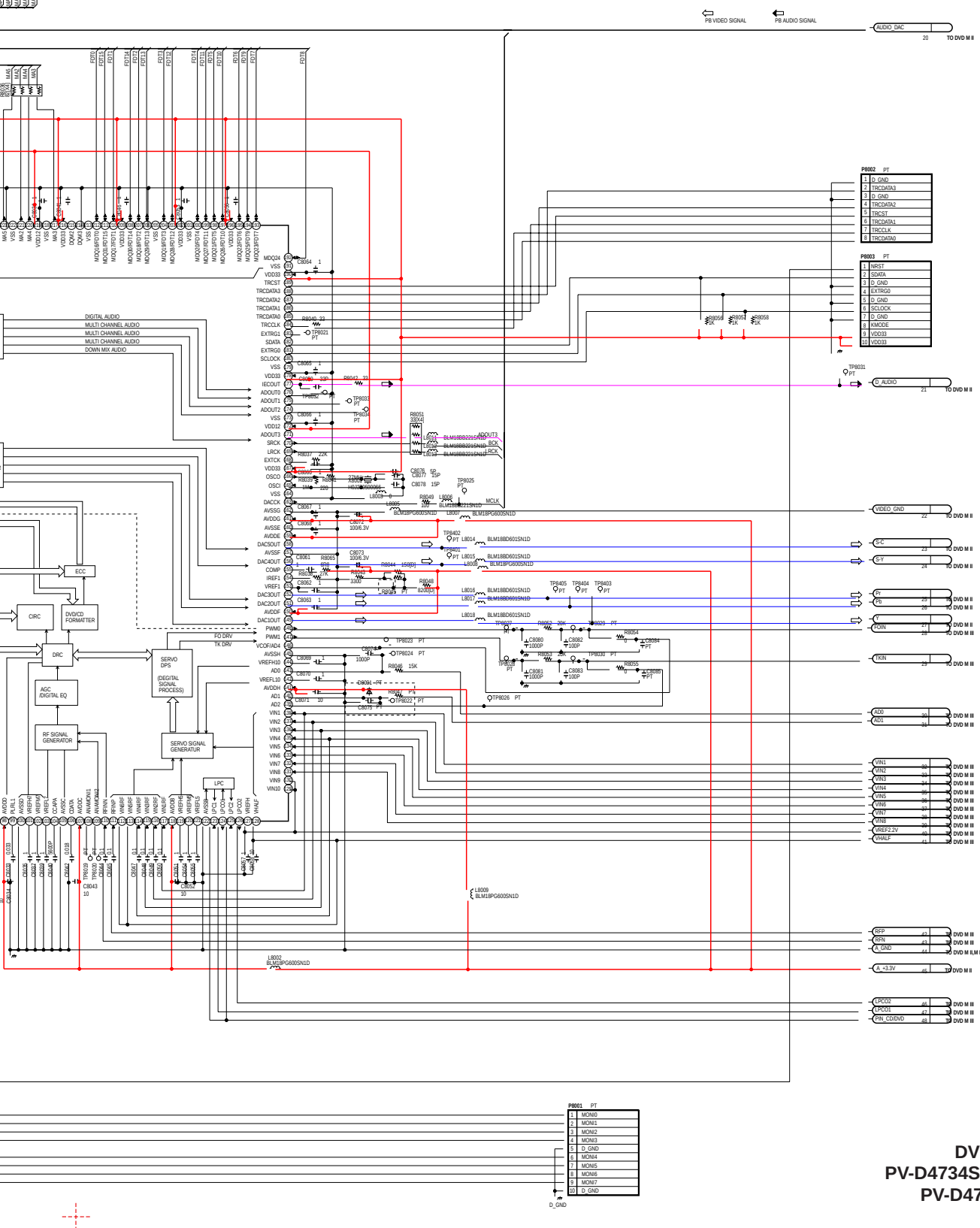
NOTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the p
Do not use the part number on this diagram.

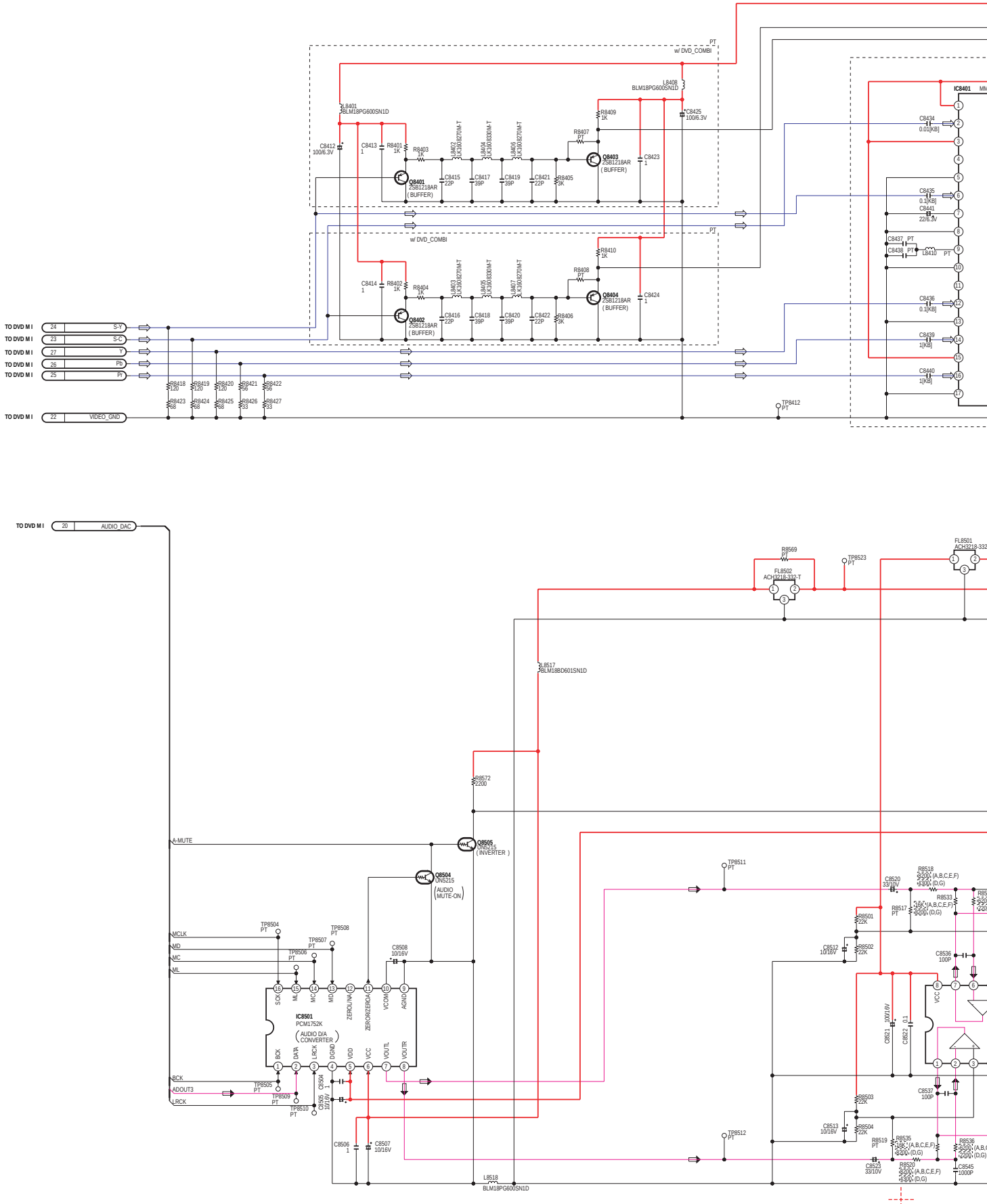
COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



LINK TO VOLTAGE CHA
LSJB2
DVD MAIN I SCHEMATIC DIAGR
PV-D4734S/PV-D4744/PV-D4744S/PV-D4
PV-D4734S-K/PV-D4744S-K/PV-D475

DVD MAIN II SCHEMATIC DIAGRAM



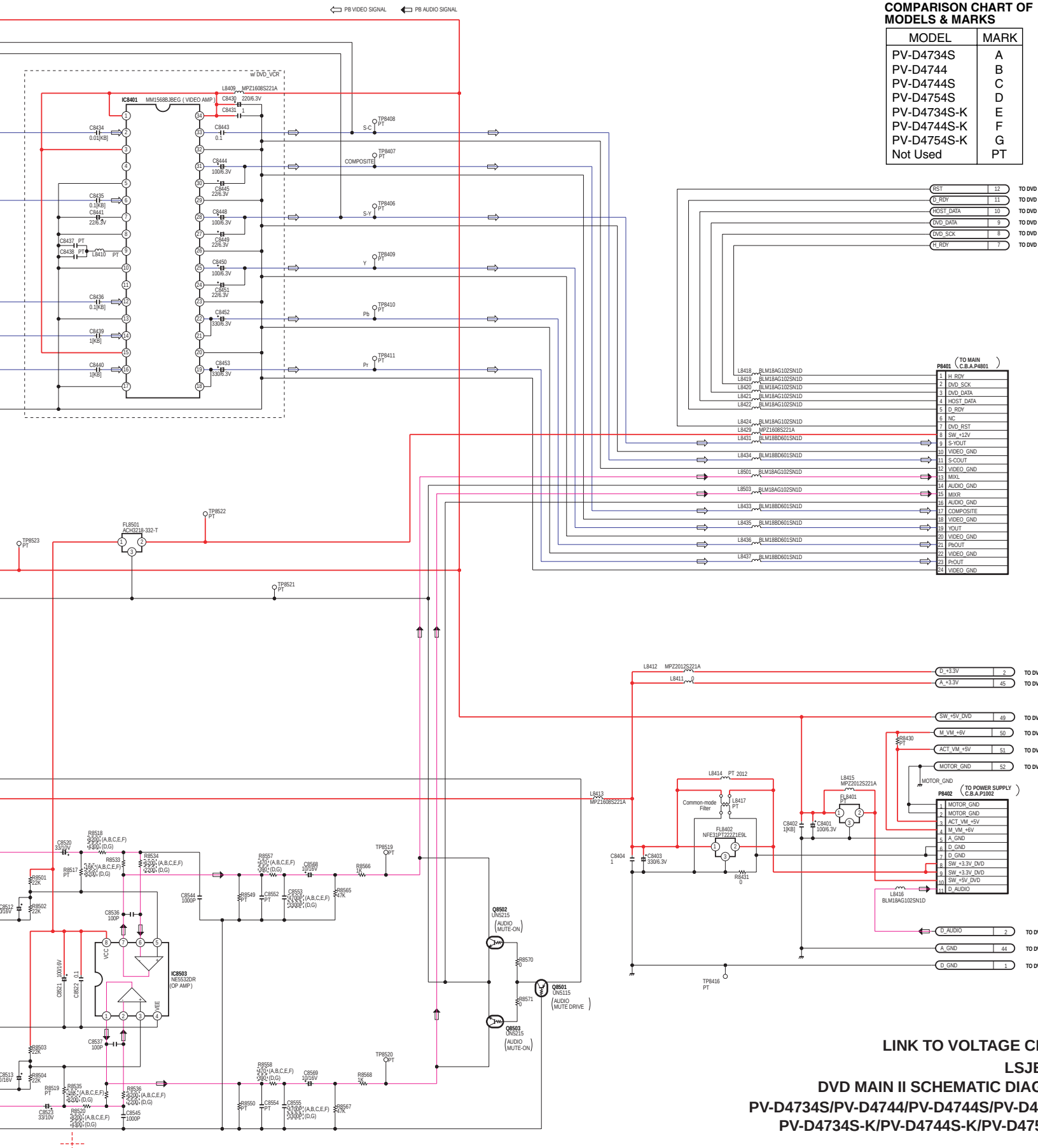
NOTE:
PARTS MARKED "PT" ARE NOT USED.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the p
Do not use the part number on this diagram.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT



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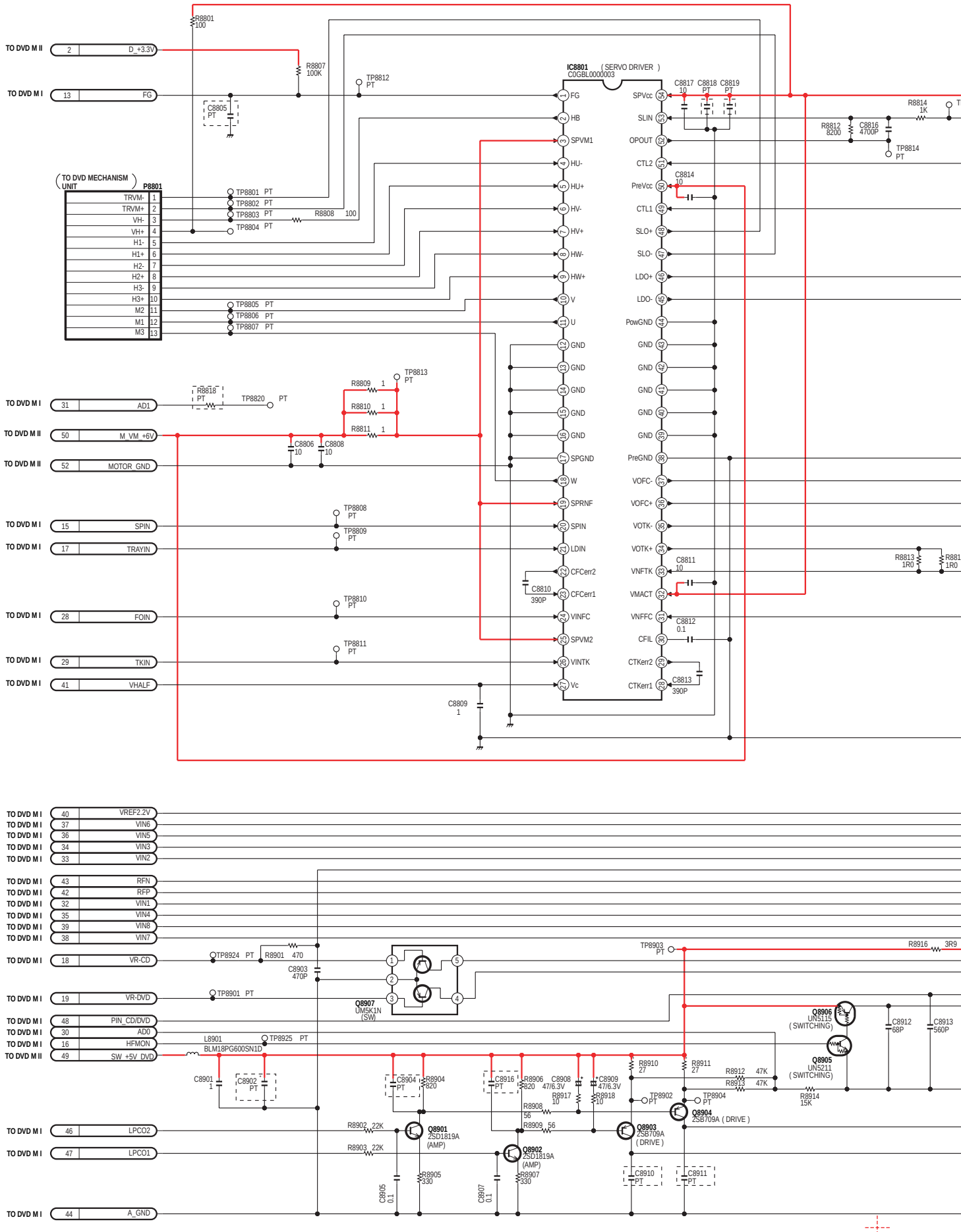
DVD MAIN II SCHEMATIC DIAG

PV-D4734S/PV-D4744/PV-D4744S/PV-D4

PV-D4734S-K/PV-D4744S-K/PV-D475

DVD MAIN III SCHEMATIC DIAGRAM



NOTE:
PARTS MARKED "PT" ARE NOT USED.

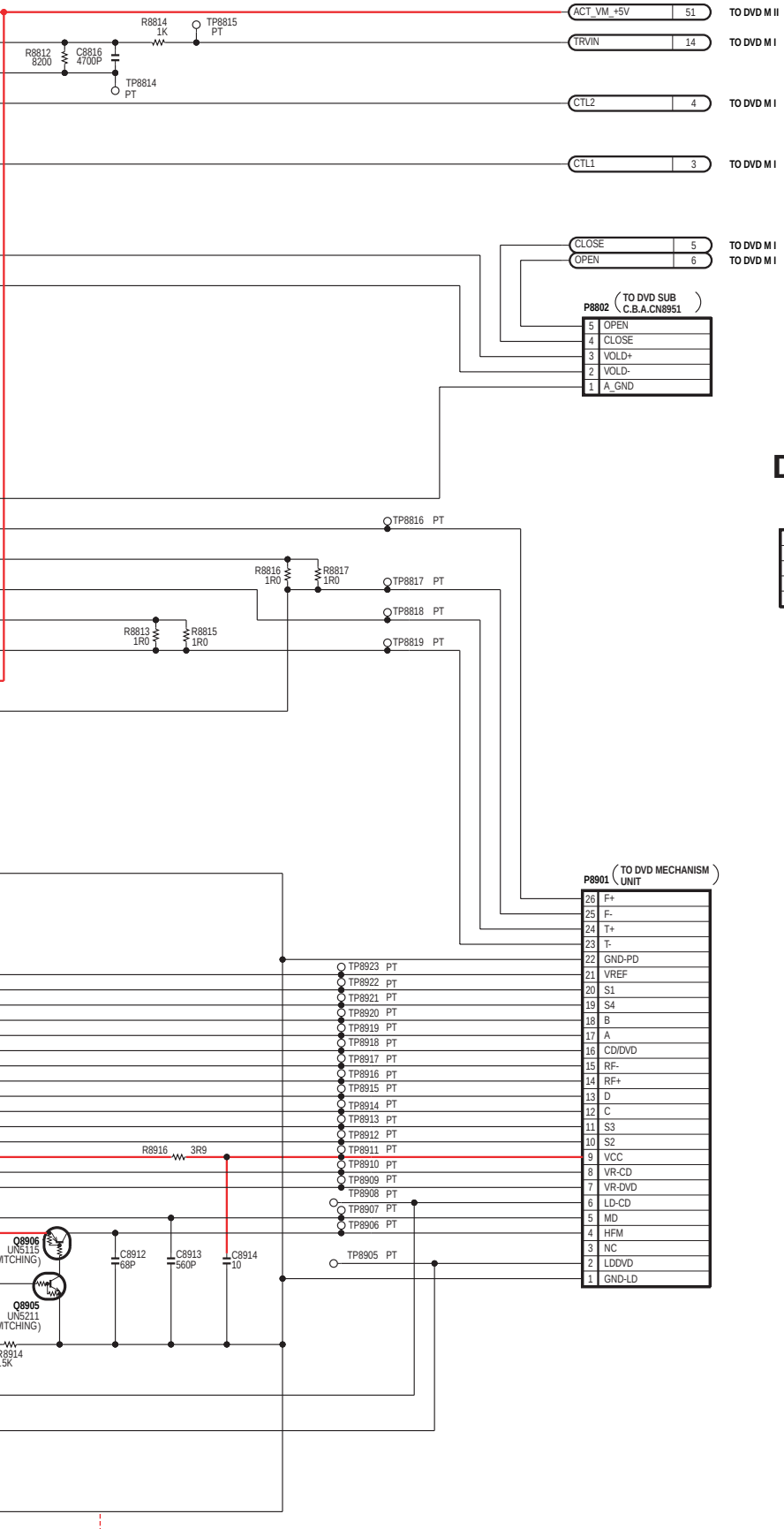
NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

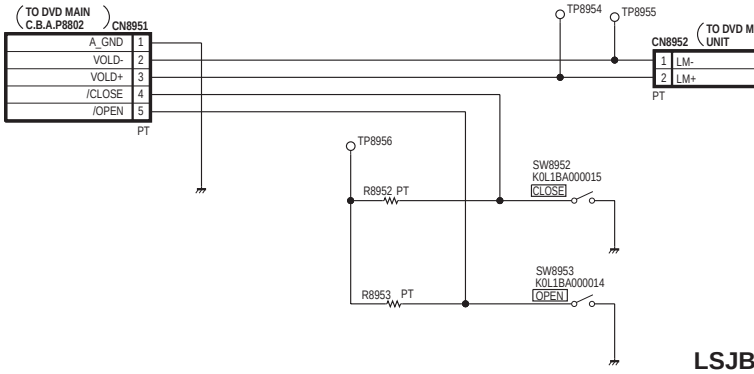
NOTE: For placing a purchase order of the parts, be sure to use the part number listed in the p
Do not use the part number on this diagram.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G
Not Used	PT

DVD SUB SCHEMATIC DIAGRAM





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LINK TO VOLTAGE CI

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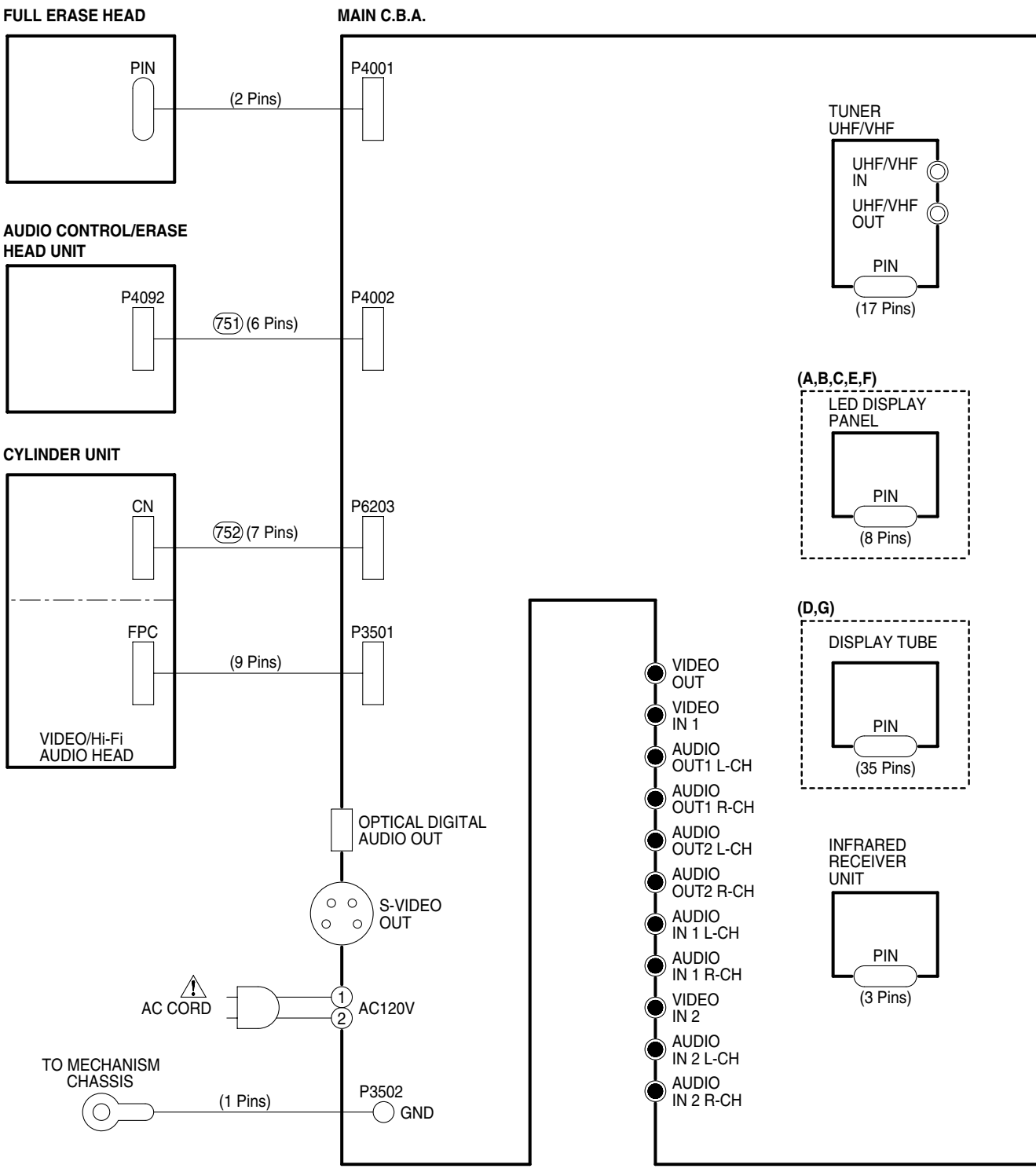
DVD MAIN III / DVD SUB SCHEMATIC DIAG
PV-D4734S/PV-D4744/PV-D4744S/PV-D4
PV-D4734S-K/PV-D4744S-K/PV-D475

6.5. INTERCONNECTION SCHEMATIC DIAGRAM

INTERCONNECTION SCHEMATIC DIAGRAM

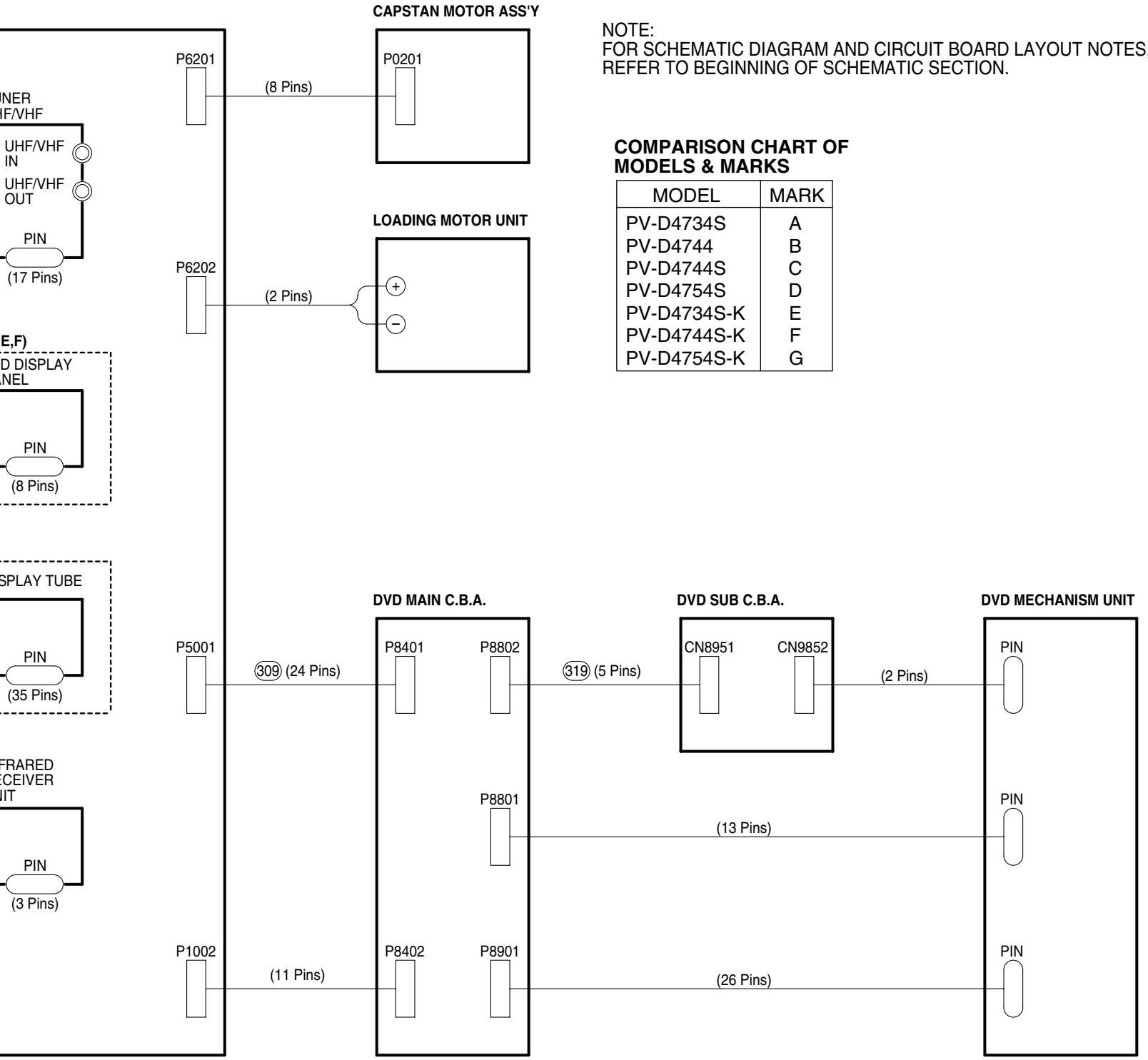


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES, REFER TO BEGINNING OF SCHEMATIC SECTION.

COMPARISON CHART OF MODELS & MARKS

MODEL	MARK
PV-D4734S	A
PV-D4744	B
PV-D4744S	C
PV-D4754S	D
PV-D4734S-K	E
PV-D4744S-K	F
PV-D4754S-K	G



INTERCONNECTION SCHEMATIC DIAGRAM
PV-D4734S/PV-D4744/PV-D4744S/PV-D4754S/PV-D4734S-K/PV-D4744S-K/PV-D4754S-K